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EXHIBIT N3

DISCHARGE MONITORING REPORTS  
MALVERN HUNT WASTEWATER TREATMENT PLANT

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PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION										
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355		
Permit Number:	1599418	Monitoring Period:	01/01/2016-01/31/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355		
PARAMETERS REPORTED VALUES										
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator	Y
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	***	***	gal	***	***	***	***		
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0446	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous
Facility Comments		Spray fields have been shut down for the winter.								

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
January 14, 2016 influent sampling results: BOD5 = 168 mg/L; TSS = 142 mg/L; Average Daily Influent Flow = 0.0446 MGD	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	2/11/2016

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION										
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355		
Permit Number:	1599418	Monitoring Period:	02/01/2016-02/29/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355		
PARAMETERS REPORTED VALUES										
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator	Y
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	***	***	gal	***	***	***	***		
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0488	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous
Facility Comments										

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

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PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent data: Influent flow = 0.0488 MGD; Influent BOD5 = 179 mg/L; Influent TSS = 122 mg/L.	Paul F. Ruffini	S6899	717 278-3444

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*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	3/8/2016

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	03/01/2016-03/31/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator		N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	1290196	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	7.5	***	7.97	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	5	5	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.041619	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0405	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											



PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
Mar 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-04-12T13:52:14-04:00	
Cryptographic Hash Value of File (SHA-512)	D573E27EF724A4A84F0DE47248DB4CD6733ED80F4F0F8DFD961471010AA55C231C5FC4C4D48C95298C4C09D83EA97AC2B0614A42F23638364037307EF7AAC599		
Mar 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-04-12T13:51:44-04:00	
Cryptographic Hash Value of File (SHA-512)	829AC8A5E2C15AA89FD562AC6B70DBE930096F398FF09562AFB231E1B29A868B9E18A2535BF71C8B812575974AC90F5569B5A542D936DC8F835F44CB6BE5E45B		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Flow = 0.0405; Influent BOD5 = 211 mg/L; Influent TSS = 200 mg/L	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION			
*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	4/12/2016

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 3 (select number) Year: 2016  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: December 31, 2016

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH				
Stage			1											
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q
1	Sun	2/28/16	0.0											
	Mon	2/29/16	0.0											
	Tue	3/1/16	0.0											
	Wed	3/2/16	0.0											
	Thu	3/3/16	0.0											
	Fri	3/4/16	0.0											
	Sat	3/5/16	0.0											
2	Sun	3/6/16	0.0484											
	Mon	3/7/16	0.0357	<	2.0		5.0			7.5				
	Tue	3/8/16	0.05163					<	1.0					
	Wed	3/9/16	0.05163											
	Thu	3/10/16	0.05163											
	Fri	3/11/16	0.05163											
	Sat	3/12/16	0.05163											
3	Sun	3/13/16	0.05163											
	Mon	3/14/16	0.0242											
	Tue	3/15/16	0.0309											
	Wed	3/16/16	0.0547											
	Thu	3/17/16	0.0572											
	Fri	3/18/16	0.05045											
	Sat	3/19/16	0.05045											
4	Sun	3/20/16	0.0604											
	Mon	3/21/16	0.05287											
	Tue	3/22/16	0.05287											
	Wed	3/23/16	0.05287											
	Thu	3/24/16	0.05635											
	Fri	3/25/16	0.05635											
	Sat	3/26/16	0.0562							7.97				
5	Sun	3/27/16	0.0562											
	Mon	3/28/16	0.0564											
	Tue	3/29/16	0.0394											
	Wed	3/30/16	0.0394											
	Thu	3/31/16	0.0491											
	Fri	4/1/16	0.05885											
	Sat	4/2/16	0.05885											
<b>Statistics for DMR</b>														
Daily Minimum (Conc.):				<	2		5	<	1		7.5			
Daily Maximum (Conc.):				<	2		5	<	1		7.97			
Max Avg Weekly (Conc.):				<	2		5							
Avg Monthly (Conc.):				<	2		5							
Geometric Mean (Conc.):								<	1					
Max Avg Weekly (Load):			0.055414	<	0.6		1							
Avg Monthly (Load):			0.041619	<	0.6		1							
Total Monthly (Load):			1.290196	<	18		46							
Daily Minimum (Load):			0	<	0.6		1							
Daily Maximum (Load):			0.0604	<	0.6		1							

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 12-Apr-16



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Township** County: **Chester**  
Watershed: **3F-Wissahic**

Month: **3** (Select number) Year: **2016**  
Permit No.: **1599418** Outfall: **Spray**  
This permit will expire on: **31-Dec-16**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	2/28/16	0	0	0						
	Mon	2/29/16	0	0	0						
	Tue	3/1/16	0	0	0						
	Wed	3/2/16	0	0	0					32	Frozen
	Thu	3/3/16	0	0	0						
	Fri	3/4/16	0	0	0						
	Sat	3/5/16	0	0	0						
2	Sun	3/6/16	24,200	24,200	0						
	Mon	3/7/16	17,850	17,850	0						
	Tue	3/8/16	25,816	25,816	0						
	Wed	3/9/16	25,816	25,816	0						
	Thu	3/10/16	25,816	25,816	0						
	Fri	3/11/16	25,816	0	25,816						
	Sat	3/12/16	25,816	0	25,816						
3	Sun	3/13/16	25,816	0	25,816						
	Mon	3/14/16	12,100	0	12,100					70	Dry
	Tue	3/15/16	15,450	15,450	0					61	Dry
	Wed	3/16/16	27,350	27,350	0					55	Dry
	Thu	3/17/16	28,600	28,600	0					58	Dry
	Fri	3/18/16	25,225	25,225	0						
	Sat	3/19/16	25,225	25,225	0					40	Dry
4	Sun	3/20/16	30,200	30,200	0					50	Dry
	Mon	3/21/16	26,433	26,433	0						
	Tue	3/22/16	26,433	26,433	0						
	Wed	3/23/16	26,433	26,433	0					70	Dry
	Thu	3/24/16	28,175	28,175	0						
	Fri	3/25/16	28,175	28,175	0						
	Sat	3/26/16	28,100	28,100	0					39	Dry
5	Sun	3/27/16	28,100	28,100	0						
	Mon	3/28/16	28,200	28,200	0			0.30	Rain	55	Dry
	Tue	3/29/16	0	19,700	19,700					55	Dry
	Wed	3/30/16	0	19,700	19,700					65	Dry
	Thu	3/31/16	0	24,550	24,550					65	Dry
	Fri	4/1/16	0	29,425	29,425					78	Dry
	Sat	4/2/16	0	29,425	29,425						
Monthly Totals:			581,145	555,547	153,498			0.30			
Max Weekly:			193,949	193,949	122,800	0	0				
Inches/Acre/Week (Max):			1.16	1.15	0.74	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S 6899**  
Date: **4/12/2016**

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	04/01/2016-04/30/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator		N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	1686896	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	Grab	1/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	<5	<5	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.05623	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0433	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
Apr 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-05-24T08:44:52-04:00	
Cryptographic Hash Value of File (SHA-512)	56B299C6FCE50985E8B58240EA80AF8655768346273A24FB58CC5410A6C9C2307E132526BF1DD6E4B0647B8F8ADD38D753FB46F4D4D81B41702528F17802A3F9		
Apr 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-05-24T08:45:30-04:00	
Cryptographic Hash Value of File (SHA-512)	D889D1CFC7D41ED2CA56FAAE2DFB5FAA684029FC914A160BFD17819E9F0F18636240673DCFB189DF817051DEB06A8BFBB532CE4285591D6E653E6DA8C88C4273		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.0433 MGD; Influent BOD5 = 189 mg/L; Influent TSS = 170 mg/L	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	5/24/2016







Month: 4 (Select number) Year: 2016  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 31-Dec-16

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **5/24/2016**

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	05/01/2016-05/31/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator		N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	2614899	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	Grab	1/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	<5	<5	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0844	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0468	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
May 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-06-14T13:26:51-04:00	
Cryptographic Hash Value of File (SHA-512)	E6510A35F9D6E700C088981AC67B2E02605AF59CD7D853F2C0C48F085146BC56B7D8606C576DE714DEF3AC4ABC6B320A091E5C9CC23C2B83194FAB6956E52524		
May 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-06-14T13:27:23-04:00	
Cryptographic Hash Value of File (SHA-512)	A4A2EF1602CEFEFA88C6329072169FF0833A3E63A6B278E5D2889580F787190FA3FA62C3D998E0F18C5CA94E56ABCBFAD643F9FFF5473F08B672708F78E5F691		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION			
*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	6/14/2016



Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 5 (select number) Year: 2016  
 Permit No.: 1599418 Outfall: Spray  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2016

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH							
Stage			1														
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	5/1/16	0.0666														
	Mon	5/2/16	0.0845														
	Tue	5/3/16	0.0845														
	Wed	5/4/16	0.08568														
	Thu	5/5/16	0.08568														
	Fri	5/6/16	0.08568														
	Sat	5/7/16	0.08568														
2	Sun	5/8/16	0.0639														
	Mon	5/9/16	0.0639	<	2.0	<	5.0				7.7						
	Tue	5/10/16	0.0639					<	1.0								
	Wed	5/11/16	0.0639														
	Thu	5/12/16	0.0857														
	Fri	5/13/16	0.09433														
	Sat	5/14/16	0.09433														
3	Sun	5/15/16	0.09433														
	Mon	5/16/16	0.08805														
	Tue	5/17/16	0.08805														
	Wed	5/18/16	0.0919														
	Thu	5/19/16	0.0895														
	Fri	5/20/16	0.0895														
	Sat	5/21/16	0.0895														
4	Sun	5/22/16	0.0895														
	Mon	5/23/16	0.0894														
	Tue	5/24/16	0.0894														
	Wed	5/25/16	0.0855														
	Thu	5/26/16	0.0855														
	Fri	5/27/16	0.0853														
	Sat	5/28/16	0.0853														
5	Sun	5/29/16	0.0853														
	Mon	5/30/16	0.0903														
	Tue	5/31/16	0.0903														
Statistics for DMR																	
Daily Minimum (Conc.):				<	2	<	5	<	1		7.7						
Daily Maximum (Conc.):				<	2	<	5	<	1		7.7						
Max Avg Weekly (Conc.):				<	2	<	5										
Avg Monthly (Conc.):				<	2	<	5										
Geometric Mean (Conc.):								<	1								
Max Avg Weekly (Load):			0.090119	<	1	<	3										
Avg Monthly (Load):			0.084352	<	1	<	3										
Total Monthly (Load):			2.614899	<	33	<	83										
Daily Minimum (Load):			0.0639	<	1	<	3										
Daily Maximum (Load):			0.094333	<	1	<	3										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: **S6899**  
Date: **14-Jun-16**



Month: 5 (Select number) Year: 2016  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 31-Dec-16

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **6/14/2016**

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	06/01/2016-06/30/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator	N	
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	3217748	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	8.1	***	8.2	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	<5	<5	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.107258	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0532	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
June 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-07-25T13:22:57-04:00	
Cryptographic Hash Value of File (SHA-512)	A5DCB9892E7067676614AD82E902ED60D10E2704CF5837FD0494BA746CB757B37CFB42EC9B07B067D4D258453398EA90A20D3DF6E0D957A10C44211E2C7B550C		
June 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-07-25T13:23:35-04:00	
Cryptographic Hash Value of File (SHA-512)	CC1F093B49EC1F246FD6D838F23E4F08B8A576031CD32312AFEAA2E911FBDC7849348C064C6CCE14D81D4EB1A82CF30D92CFD623CEF9CB38A3559BE15F35B06EF		



PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent flow = 0.0532 MGD; Influent BOD5 = 222 mg/L; Influent TSS = 210 mg/L	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	7/25/2016

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 6 (select number) Year: 2016  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: December 31, 2016

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH				
Stage			1											
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q
1	Sun	5/29/16	0.0853											
	Mon	5/30/16	0.0903											
	Tue	5/31/16	0.0903											
	Wed	6/1/16	0.09105								8.2			
	Thu	6/2/16	0.09105											
	Fri	6/3/16	0.09105											
	Sat	6/4/16	0.09975											
2	Sun	6/5/16	0.09975											
	Mon	6/6/16	0.11334											
	Tue	6/7/16	0.11334											
	Wed	6/8/16	0.11334											
	Thu	6/9/16	0.11334											
	Fri	6/10/16	0.11334											
	Sat	6/11/16	0.11											
3	Sun	6/12/16	0.11											
	Mon	6/13/16	0.1086	<	2.0	<	5.0				8.1			
	Tue	6/14/16	0.10953					<	1.0					
	Wed	6/15/16	0.10953											
	Thu	6/16/16	0.10953											
	Fri	6/17/16	0.11055											
	Sat	6/18/16	0.11055											
4	Sun	6/19/16	0.1176											
	Mon	6/20/16	0.1176											
	Tue	6/21/16	0.1185											
	Wed	6/22/16	0.11095											
	Thu	6/23/16	0.11095											
	Fri	6/24/16	0.10453											
	Sat	6/25/16	0.10453											
5	Sun	6/26/16	0.10453											
	Mon	6/27/16	0.1047											
	Tue	6/28/16	0.1053											
	Wed	6/29/16	0.10045											
	Thu	6/30/16	0.10045											
	Fri	7/1/16	0.10045											
	Sat	7/2/16	0.10045											
<b>Statistics for DMR</b>														
Daily Minimum (Conc.):				<	2	<	5	<	1		8.1			
Daily Maximum (Conc.):				<	2	<	5	<	1		8.2			
Max Avg Weekly (Conc.):				<	2	<	5							
Avg Monthly (Conc.):				<	2	<	5							
Geometric Mean (Conc.):								<	1					
Max Avg Weekly (Load):			0.112095	<	2	<	5							
Avg Monthly (Load):			0.107258	<	2	<	5							
Total Monthly (Load):			3.217748	<	54	<	136							
Daily Minimum (Load):			0.09105	<	2	<	5							
Daily Maximum (Load):			0.1185	<	2	<	5							

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 25-Jul-16



# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
 Municipality: **East Whiteland Township** County: **Chester**  
 Watershed: **3F-Wissahic**

Month: **6** (Select number) Year: **2016**  
 Permit No.: **1599418** Outfall: **Spray**  
 This permit will expire on: **31-Dec-16**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	5/29/16	42,650	0	42,650			0.40	Rain	86	Damp
	Mon	5/30/16	45,150	0	45,150			0.30	Rain	81	Wet
	Tue	5/31/16	45,150	0	45,150						
	Wed	6/1/16	45,525	0	45,525						
	Thu	6/2/16	45,525	0	45,525						
	Fri	6/3/16	45,525	0	45,525			0.40	Rain	74	Damp
	Sat	6/4/16	0	49,875	49,875						
2	Sun	6/5/16	0	49,875	49,875					86	Dry
	Mon	6/6/16	0	56,670	56,670						
	Tue	6/7/16	0	56,670	56,670						
	Wed	6/8/16	0	56,670	56,670						
	Thu	6/9/16	56,670	56,670	0						
	Fri	6/10/16	56,670	56,670	0						
	Sat	6/11/16	55,000	55,000	0						
3	Sun	6/12/16	55,000	55,000	0						
	Mon	6/13/16	54,300	54,300	0					80	Dry
	Tue	6/14/16	54,766	0	54,766					81	Dry
	Wed	6/15/16	54,766	0	54,766						
	Thu	6/16/16	54,766	0	54,766			0.40	Rain	84	Wet
	Fri	6/17/16	55,275	0	55,275					80	Dry
	Sat	6/18/16	55,275	0	55,275						
4	Sun	6/19/16	0	58,800	58,800					69	Dry
	Mon	6/20/16	0	58,800	58,800					91	Dry
	Tue	6/21/16	0	59,250	59,250					86	Dry
	Wed	6/22/16	0	55,475	55,475						
	Thu	6/23/16	0	55,475	55,475			0.40	Rain	84	Wet
	Fri	6/24/16	52,266	52,266	0					84	Dry
	Sat	6/25/16	52,266	52,266	0						
5	Sun	6/26/16	52,266	52,266	0						
	Mon	6/27/16	52,350	52,350	0					87	Dry
	Tue	6/28/16	52,650	52,650	0			0.20	Rain	65	Wet
	Wed	6/29/16	50,225	0	50,225						
	Thu	6/30/16	50,225	0	50,225						
	Fri	7/1/16	50,225	0	50,225						
	Sat	7/2/16	50,255	0	50,255						
Monthly Totals:			1,051,311	1,096,998	1,069,433			1.40			
Max Weekly:			384,148	392,332	319,400	0	0				
Inches/Acre/Week (Max):			2.30	2.33	1.91	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
 Title: **Agent**

License No.: **S 6899**  
 Date: **7/25/2016**

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	07/01/2016-07/31/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator	N	
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	1948896	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	8.4	***	8.8	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	16	16	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0629	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	3.5	3.5	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0449	***	MGD	***	***	***	***	Calculation	1/month	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
July 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-08-18T15:03:10-04:00	
Cryptographic Hash Value of File (SHA-512)	C7485D178931EDAF159EF722841FCDCF19B448ED88878D086CF6D99EAD97ECE74E7AEC798FCE1226AC5E3DDEEE0BF0462964898BDBECBDBAA2928A26A1D29C4		
July 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-08-18T15:04:00-04:00	
Cryptographic Hash Value of File (SHA-512)	870DEB3D4020F024E88B60034B485CD6235C37B3DC156BB72D2B0BF2AAE0E75FD6D8A7A08BDEE7BEB5C4252EF008D397B183A6077D3976A0278A0407AA60383E		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
33471	Raw Sewage Influent( 001)	Flow	Sample type not in accordance with permit	The influent flow meter is down for repairs and we are currently waiting for parts to arrive. The average monthly influent flow was calculated from the most recent 12 months of influent flow data.
33472	Raw Sewage Influent( 001)	Flow	Sample collection less frequent than required	The influent flow meter is down for repairs and we are currently waiting for parts to arrive. The average monthly influent flow was calculated from the most recent 12 months of influent flow data.

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION			
*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	8/18/2016





Month: 7 (Select number) Year: 2016  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 31-Dec-16

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **8/18/2016**



PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	08/01/2016-08/31/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator	N	
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	2389650	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	8.4	***	8.6	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	23	23	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.077085	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	11.1	11.1	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0449	***	MGD	***	***	***	***	Estimate	1/month	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
Aug 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-09-08T15:53:32-04:00	
Cryptographic Hash Value of File (SHA-512)	50B08A5F31751EE6146156FD8309DA0F61522A75A44647371E507FAC9F45822B162D0C772C29096DF725F3339F43B52F00F4BA80365FC81D86360667C6EB43BC		
Aug 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-09-08T15:54:14-04:00	
Cryptographic Hash Value of File (SHA-512)	994CE28BB5C0FE817E51BD70DE3FDC0EE012022B2F0ECEFE9B831F60CD86F14BFCFBEBE165A99CA696B6BDEE0319D5AEB60A0F9FB656AFD0029364782BBC5FFC		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
34364	Raw Sewage Influent( 001)	Flow	Sample type not in accordance with permit	Influent flow meter repair parts have been backordered for several weeks. Delivery is expected in the very near future. Influent flow is estimated from the most recent 12-month average that data was available.
34365	Raw Sewage Influent( 001)	Flow	Sample collection less frequent than required	Influent flow meter repair parts have been backordered for several weeks. Delivery is expected in the very near future. Influent flow is estimated from the most recent 12-month average that data was available.

COMMENTS DETAILS			
Comment		Operator Name	Operator Contact Number
Raw Influent Data: Influent Flow (estimated) = 0.0449 MGD; Influent BOD5 = 269 mg/L; Influent TSS = 186 mg/L		Paul F. Ruffini	S6899 717 278-3444

SUBMISSION INFORMATION			
*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	9/8/2016

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 8 (select number) Year: 2016  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: December 31, 2016

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH				
Stage			1											
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q
1	Sun	7/31/16	0.09197											
	Mon	8/1/16	0.09855											
	Tue	8/2/16	0.09855											
	Wed	8/3/16	0.09005											
	Thu	8/4/16	0.09005											
	Fri	8/5/16	0.0891											
	Sat	8/6/16	0.0891											
2	Sun	8/7/16	0.0891											
	Mon	8/8/16	0.10125		11.1		23.0			8.6				
	Tue	8/9/16	0.10125					<	1.0					
	Wed	8/10/16	0.0763											
	Thu	8/11/16	0.0763											
	Fri	8/12/16	0.0763											
	Sat	8/13/16	0.07205											
3	Sun	8/14/16	0.07205											
	Mon	8/15/16	0.0646							8.4				
	Tue	8/16/16	0.0611											
	Wed	8/17/16	0.0611											
	Thu	8/18/16	0.04838											
	Fri	8/19/16	0.04838											
	Sat	8/20/16	0.04838											
4	Sun	8/21/16	0.04838											
	Mon	8/22/16	0.0684											
	Tue	8/23/16	0.09598											
	Wed	8/24/16	0.09598											
	Thu	8/25/16	0.09598											
	Fri	8/26/16	0.09598											
	Sat	8/27/16	0.09598											
5	Sun	8/28/16	0.0972											
	Mon	8/29/16	0.0491											
	Tue	8/30/16	0.0491											
	Wed	8/31/16	0.04565											
	Thu	9/1/16	0.04565											
	Fri	9/2/16	0.0											
	Sat	9/3/16	0.0											
<b>Statistics for DMR</b>														
Daily Minimum (Conc.):					11.1		23	<	1		8.4			
Daily Maximum (Conc.):					11.1		23	<	1		8.6			
Max Avg Weekly (Conc.):					11.1		23							
Avg Monthly (Conc.):					11.1		23							
Geometric Mean (Conc.):								<	1					
Max Avg Weekly (Load):			0.092481		9		19							
Avg Monthly (Load):			0.077085		9		19							
Total Monthly (Load):			2.38965		291		602							
Daily Minimum (Load):			0.04565		9		19							
Daily Maximum (Load):			0.10125		9		19							

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Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 8-Sep-16



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Township** County: **Chester**  
Watershed: **3F-Wissahic**

Month: **8** (Select number) Year: **2016**  
Permit No.: **1599418** Outfall: **Spray**  
This permit will expire on: **31-Dec-16**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	7/31/16	45,983	45,983	0			0.30	Rain	85	Wet
	Mon	8/1/16	49,275	49,275	0						Wet
	Tue	8/2/16	49,275	49,275	0						
	Wed	8/3/16	45,025	0	45,025						
	Thu	8/4/16	45,025	0	45,025						
	Fri	8/5/16	44,550	0	44,550						
	Sat	8/6/16	44,550	0	44,550						
2	Sun	8/7/16	44,550	0	44,550						
	Mon	8/8/16	0	50,625	50,625					82	Dry
	Tue	8/9/16	0	50,625	50,625						
	Wed	8/10/16	0	38,150	38,150					90	Dry
	Thu	8/11/16	0	38,150	38,150						
	Fri	8/12/16	0	38,150	38,150						
	Sat	8/13/16	36,025	36,025	0						
3	Sun	8/14/16	36,025	36,025	0			0.20	Rain	94	Damp
	Mon	8/15/16	32,300	32,300	0			0.10	Rain	91	Damp
	Tue	8/16/16	30,550	30,550	0					92	Damp
	Wed	8/17/16	30,550	30,550	0						
	Thu	8/18/16	24,187	0	24,187			0.20	Rain	87	Damp
	Fri	8/19/16	24,187	0	24,187						
	Sat	8/20/16	24,187	0	24,187						
4	Sun	8/21/16	24,187	0	24,187						
	Mon	8/22/16	34,200	0	34,200					80	Dry
	Tue	8/23/16	0	47,990	47,990					82	Dry
	Wed	8/24/16	0	47,990	47,990						
	Thu	8/25/16	0	47,990	47,990						
	Fri	8/26/16	0	47,990	47,990						
	Sat	8/27/16	0	47,990	47,990						
5	Sun	8/28/16	48,600	48,600	0					71	Dry
	Mon	8/29/16	24,550	24,550	0					89	Dry
	Tue	8/30/16	24,550	24,550	0						
	Wed	8/31/16	22,825	22,825	0					86	Dry
	Thu	9/1/16	22,825	22,825	0						
	Fri	9/2/16	0	0	0					75	Dry
	Sat	9/3/16	0	0	0						
Monthly Totals:			739,173	840,175	810,298			0.50			
Max Weekly:			323,683	251,725	298,337	0	0				
Inches/Acre/Week (Max):			1.94	1.50	1.79	0.00	0.00				

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Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S 6899**  
Date: **9/8/2016**

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	09/01/2016-09/30/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator		N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	1026695	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	8.3	***	8.4	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	25	25	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.034223	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	6.3	6.3	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0449	***	MGD	***	***	***	***	Estimate	Monthly When Discharging	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
Sept 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-10-24T10:41:02-04:00	
Cryptographic Hash Value of File (SHA-512)	3955CAE8491F7AC3B3058623B4B1E16F3715321C1EAD71554EBDBC11E800CB1DDB609612538CF78DF14F25341D69A723490609FD8844C87D77BF0EE4E3929D61		
Sept 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-10-24T10:40:16-04:00	
Cryptographic Hash Value of File (SHA-512)	CF632B6F0F803315D2653258FD3DAD25E6CE0EE751B8EDC32BAED8DA564BA7403D6B25FED9D4429C4E7239858F68F57EF4B647A85BFEB32E7899EF6B58E8E427		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
35656	Raw Sewage Influent( 001)	Flow	Sample type not in accordance with permit	We are still experiencing problems with inaccurate influent flow readings from the recently repaired flow meter. The daily influent flow for September was estimated using the average of the most recent 12 months of flow data. Troubleshooting, final repair and calibration of the flow meter was still in progress.
35657	Raw Sewage Influent( 001)	Flow	Sample collection less frequent than required	We are still experiencing problems with inaccurate influent flow readings from the recently repaired flow meter. The daily influent flow for September was estimated using the average of the most recent 12 months of flow data. Troubleshooting, final repair and calibration of the flow meter was still in progress.

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent data: Influent flow (estimated) = 0.0449 MGD; Influent BOD = 190 mg/L ; Influent TSS = 158 mg/L	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION			
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Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	10/24/2016







Month: 9 (Select number) Year: 2016  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 31-Dec-16

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **10/24/2016**

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP				Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355			
Permit Number:	1599418	Monitoring Period:	10/01/2016-10/31/2016				Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355			
PARAMETERS REPORTED VALUES											
Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator		N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	1465297	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	Grab	1/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	24	24	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.047268	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	6.1	6.1	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0546	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	
Facility Comments											

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
Oct 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-11-07T13:11:01-05:00	
Cryptographic Hash Value of File (SHA-512)	271D33A53563D658CDBCD0732D34D7E11CE726611ED18B28B2B4709A7D9A80E11928C4AB8E3AF7B363DE9D3E47F3C3CE83D95CEE67176A21CCC952757788EFA8		
Oct 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-11-07T13:11:31-05:00	
Cryptographic Hash Value of File (SHA-512)	6DF5208A8900ACBE2DFBB7353AE69A59839258BA351D1507F4C71D5E770ED1473ABB46A54466F53CF53A74D3797999BBFA104FCBD5FB8290DDD8FEF57E864A5F		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISCHARGE MONITORING REPORT (DMR)

PERMIT VIOLATIONS											
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	

OTHER PERMIT VIOLATIONS				
Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS			
Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION			
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Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	11/7/2016



Month: 10 (select number) Year: 2016  
 Permit No.: 1599418 Outfall: Spray  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2016

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: **S6899**  
Date: **7-Nov-16**



Month: 10 (Select number) Year: 2016  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 31-Dec-16

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **11/7/2016**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418
PERMIT NUMBER

001
OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **11/01/2016**  
DMR Effective To: **11/30/2016**  
Permit Expires: **12/31/2016**  
Permit Application Due: **12/28/2016**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2016	11	01	TO	2016	11	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	1273048	***	gal	***	***	***	***	Calculation	1/month
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
pH	Sample Measurement	***	***	***	7.3	***	7.3	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	5	5	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.042435	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	3.3	3.3	mg/L	Grab	1/month
	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0469	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous
Facility Comments										





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Nov 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-12-13T14:55:25-05:00	
Nov 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-12-13T14:56:02-05:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.0469 MGD; Influent BOD5 = 211 mg/L; Influent TSS = 106 mg/L	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2016	12	13
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 11 (select number) Year: 2016  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH				
Stage			1											
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q
1	Sun	10/30/16	0.03123											
	Mon	10/31/16	0.05075											
	Tue	11/1/16	0.05075											
	Wed	11/2/16	0.05043											
	Thu	11/3/16	0.05043											
	Fri	11/4/16	0.05043											
	Sat	11/5/16	0.05043											
2	Sun	11/6/16	0.0405											
	Mon	11/7/16	0.0405		3.3		5.0			7.3				
	Tue	11/8/16	0.03735					<	1.0					
	Wed	11/9/16	0.03735											
	Thu	11/10/16	0.0438											
	Fri	11/11/16	0.0438											
	Sat	11/12/16	0.0438											
3	Sun	11/13/16	0.0438											
	Mon	11/14/16	0.0477											
	Tue	11/15/16	0.0477											
	Wed	11/16/16	0.04717											
	Thu	11/17/16	0.04717											
	Fri	11/18/16	0.04717											
	Sat	11/19/16	0.04715											
4	Sun	11/20/16	0.04715											
	Mon	11/21/16	0.0467											
	Tue	11/22/16	0.0405											
	Wed	11/23/16	0.03788											
	Thu	11/24/16	0.03788											
	Fri	11/25/16	0.03788											
	Sat	11/26/16	0.03788											
5	Sun	11/27/16	0.03788											
	Mon	11/28/16	0.04095											
	Tue	11/29/16	0.04095											
	Wed	11/30/16	0.0											
	Thu	12/1/16	0.0											
	Fri	12/2/16	0.0											
	Sat	12/3/16	0.0											
<b>Statistics for DMR</b>														
Daily Minimum (Conc.):					3.3		5	<	1		7.3			
Daily Maximum (Conc.):					3.3		5	<	1		7.3			
Max Avg Weekly (Conc.):					3.3		5							
Avg Monthly (Conc.):					3.3		5							
Geometric Mean (Conc.):								<	1					
Max Avg Weekly (Load):			0.047776		1		2							
Avg Monthly (Load):			0.042435		1		2							
Total Monthly (Load):			1.273048		33		51							
Daily Minimum (Load):			0		1		2							
Daily Maximum (Load):			0.05075		1		2							

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 13-Dec-16



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Township** County: **Chester**  
Watershed: **3F-Wissahic**

Month: **11** (Select number) Year: **2016**  
Permit No.: **1599418** Outfall: **Spray**  
This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	10/30/16	0	15,612	15,612						
	Mon	10/31/16	0	25,375	25,375						
	Tue	11/1/16	0	25,375	25,375					75	Dry
	Wed	11/2/16	25,212	25,212	0						
	Thu	11/3/16	25,212	25,212	0						
	Fri	11/4/16	25,212	25,212	0						
	Sat	11/5/16	25,212	25,212	0						
2	Sun	11/6/16	20,250	20,250	0					41	Dry
	Mon	11/7/16	20,250	0	20,250					50	Dry
	Tue	11/8/16	18,675	0	18,675					55	Dry
	Wed	11/9/16	18,675	0	18,675						
	Thu	11/10/16	21,900	0	21,900					51	Dry
	Fri	11/11/16	0	21,900	21,900						
	Sat	11/12/16	0	21,900	21,900						
3	Sun	11/13/16	0	21,900	21,900						
	Mon	11/14/16	0	23,850	23,850					59	Dry
	Tue	11/15/16	0	23,850	23,850					62	Dry
	Wed	11/16/16	0	23,583	23,583					60	Dry
	Thu	11/17/16	23,583	23,583	0						
	Fri	11/18/16	23,583	23,583	0						
	Sat	11/19/16	23,575	23,575	0						
4	Sun	11/20/16	23,575	23,575	0						
	Mon	11/21/16	23,350	23,350	0					35	Dry
	Tue	11/22/16	20,250	0	20,250					40	Dry
	Wed	11/23/16	18,940	0	18,940					32	Dry
	Thu	11/24/16	18,940	0	18,940						
	Fri	11/25/16	18,940	0	18,940						
	Sat	11/26/16	18,940	0	18,940						
5	Sun	11/27/16	0	18,940	18,940						
	Mon	11/28/16	0	20,475	20,475					50	Dry
	Tue	11/29/16	0	20,475	20,475			0.40	Rain	55	Dry
	Wed	11/30/16	0	0	0			1.10	Rain	60	Wet
	Thu	12/1/16	0	0	0						
	Fri	12/2/16	0	0	0						
	Sat	12/3/16	0	0	0						
Monthly Totals:			414,274	461,012	397,758			1.50			
Max Weekly:			142,935	167,210	123,300	0	0				
Inches/Acre/Week (Max):			0.85	0.99	0.74	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S 6899**  
Date: **12/13/2016**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418
PERMIT NUMBER

001
OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **12/01/2016**  
DMR Effective To: **12/31/2016**  
Permit Expires: **11/30/2050**  
Permit Application Due **06/03/1950**  
No Discharge? **Yes**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2016	12	01	TO	2016	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 12/01/2016

DMR Effective To: 12/31/2016

Permit Expires: 11/30/2050

Permit Application Due 06/03/1950

No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2016	12	01	TO	2016	12	31

FROM

TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0479	.0595	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Avg. Daily Influent Flow = 0.0479 MGD; Influent BOD5 = 126 mg/L; Influent TSS = 105 mg/L	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	1	10
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	01	01	TO	2017	01	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **01/01/2017**  
DMR Effective To: **01/31/2017**  
Permit Expires: **11/30/2050**  
Permit Application Due **06/03/1950**  
No Discharge? **Yes**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

MONITORING PERIOD

YEAR

MO

DAY

2017

01

01

TO

YEAR

MO

DAY

2017

01

31

Reorting Frequency: Monthly

DMR Effective From: 01/01/2017

DMR Effective To: 01/31/2017

Permit Expires: 11/30/2050

Permit Application Due 06/03/1950

No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0469	.0677	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Raw influent average daily flow = 0.0469 MGD; Raw influent BOD5 = 194 mg/L; Raw influent TSS = 228 mg/L.	Paul F. Ruffini	S6899	717 278-3444

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	2	7
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418
PERMIT NUMBER

001
OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **02/01/2017**  
DMR Effective To: **02/28/2017**  
Permit Expires: **11/30/2050**  
Permit Application Due **06/03/1950**  
No Discharge? **Yes**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	02	01	TO	2017	02	28

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 02/01/2017

DMR Effective To: 02/28/2017

Permit Expires: 11/30/2050

Permit Application Due 06/03/1950

No Discharge? No

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
2017	02	01	TO	2017	02	28

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0439	.0498	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent flow = 0.0439 MGD; Influent BOD5 = 236 mg/L; Influent TSS = 152 mg/L.	Edwin D. Jamieson III	T1655	484 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	3	7
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	03	01	TO	2017	03	31	

Reorting Frequency: Monthly  
DMR Effective From: 03/01/2017  
DMR Effective To: 03/31/2017  
Permit Expires: 11/30/2050  
Permit Application Due: 06/03/1950  
No Discharge? Yes

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 03/01/2017

DMR Effective To: 03/31/2017

Permit Expires: 11/30/2050

Permit Application Due 06/03/1950

No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	03	01	TO	2017	03	31

FROM

TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0452	.0638	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent data: Average Daily Influent Flow = 0.0452 MGD; Influent BOD5 = 202 mg/L; Influent TSS = 138 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	4	6
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	04	01	TO	2017	04	30	

Reorting Frequency: **Monthly**  
DMR Effective From: **04/01/2017**  
DMR Effective To: **04/30/2017**  
Permit Expires: **11/30/2050**  
Permit Application Due **06/03/1950**  
No Discharge? **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	6.8	***	8.04	S.U.	Grab	2/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	21.5	***	***	mg/L	Grab	2/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	4.6	***	***	mg/L	Grab	2/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 04/01/2017

DMR Effective To: 04/30/2017

Permit Expires: 11/30/2050

Permit Application Due 06/03/1950

No Discharge? No

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
2017	04	01	TO	2017	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0423	.0671	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Apr 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-05-16T10:45:37-04:00	
Apr 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-05-16T10:46:23-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.0423 MGD; Influent BOD5 = 121 mg/L; Influent TSS = 83 mg/L	Edwin D. Jamieson III	T1655	484 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	5	16
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY





Month: 4 (Select number) Year: 2017  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **5/16/2017**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	05	01	TO	2017	05	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **05/01/2017**  
DMR Effective To: **05/31/2017**  
Permit Expires: **11/30/2050**  
Permit Application Due **06/03/1950**  
No Discharge? **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	7.89	***	7.89	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	8.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	2.9	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

MONITORING PERIOD

YEAR	MO	DAY		YEAR	MO	DAY
2017	05	01	TO	2017	05	31

Reorting Frequency: Monthly

DMR Effective From: 05/01/2017

DMR Effective To: 05/31/2017

Permit Expires: 11/30/2050

Permit Application Due 06/03/1950

No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0459	.0568	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
May 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-06-08T11:26:39-04:00	
May 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-06-08T11:25:53-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Monthly Average Influent Flow = 0.0459 MGD; Influent BOD5 = 207 mg/L; Influent TSS = 194 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	6	8
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

# SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 5 (select number) Year: 2017  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH				
Stage			1											
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q
1	Sun	4/30/17	0.0563											
	Mon	5/1/17	0.0836											
	Tue	5/2/17	0.0836											
	Wed	5/3/17	0.0828											
	Thu	5/4/17	0.0828											
	Fri	5/5/17	0.0											
	Sat	5/6/17	0.0											
2	Sun	5/7/17	0.0											
	Mon	5/8/17	0.09187		2.9		8.0			7.89				
	Tue	5/9/17	0.09187					<	1.0					
	Wed	5/10/17	0.09187											
	Thu	5/11/17	0.0935											
	Fri	5/12/17	0.0954											
	Sat	5/13/17	0.0954											
3	Sun	5/14/17	0.0954											
	Mon	5/15/17	0.0522											
	Tue	5/16/17	0.0											
	Wed	5/17/17	0.0916											
	Thu	5/18/17	0.0916											
	Fri	5/19/17	0.0787											
	Sat	5/20/17	0.0787											
4	Sun	5/21/17	0.0788											
	Mon	5/22/17	0.07838											
	Tue	5/23/17	0.07838											
	Wed	5/24/17	0.07838											
	Thu	5/25/17	0.07838											
	Fri	5/26/17	0.0879											
	Sat	5/27/17	0.0879											
5	Sun	5/28/17	0.0879											
	Mon	5/29/17	0.08775											
	Tue	5/30/17	0.08775											
	Wed	5/31/17	0.08715											
	Thu	6/1/17	0.8715											
	Fri	6/2/17	0.1032											
	Sat	6/3/17	0.10995											
Statistics for DMR														
Daily Minimum (Conc.):					2.9		8	<	1		7.89			
Daily Maximum (Conc.):					2.9		8	<	1		7.89			
Max Avg Weekly (Conc.):					2.9		8							
Avg Monthly (Conc.):					2.9		8							
Geometric Mean (Conc.):								<	1					
Max Avg Weekly (Load):			0.205029		2		6							
Avg Monthly (Load):			0.074179		2		6							
Total Monthly (Load):			2.299548		69		190							
Daily Minimum (Load):			0		2		6							
Daily Maximum (Load):			0.0954		2		6							

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 8-Jun-17





pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
 Municipality: **East Whiteland Township** County: **Chester**  
 Watershed: **3F-Wissahic**

Month: **5** (Select number) Year: **2017**  
 Permit No.: **1599418** Outfall: **Spray**  
 This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	4/30/17	28,150	0	28,150					67	Dry
	Mon	5/1/17	41,800	0	41,800						
	Tue	5/2/17	41,800	0	41,800						
	Wed	5/3/17	41,400	0	41,400					66	Dry
	Thu	5/4/17	41,400	0	41,400						
	Fri	5/5/17	0	0	0			1.20	Rain	66	Wet
	Sat	5/6/17	0	0	0						
2	Sun	5/7/17	0	0	0						
	Mon	5/8/17	45,933	45,933	0					62	Dry
	Tue	5/9/17	45,933	45,933	0						
	Wed	5/10/17	45,933	45,933	0						
	Thu	5/11/17	46,750	46,750	0			0.20	Rain	56	Damp
	Fri	5/12/17	0	47,700	47,700					56	Dry
	Sat	5/13/17	0	47,700	47,700						
3	Sun	5/14/17	0	47,700	47,700						
	Mon	5/15/17	0	26,100	26,100					70	Dry
	Tue	5/16/17	0	0	0						
	Wed	5/17/17	0	45,800	45,800					93	Dry
	Thu	5/18/17	0	45,800	45,800						
	Fri	5/19/17	39,350	0	39,350					93	Dry
	Sat	5/20/17	39,350	0	39,350						
4	Sun	5/21/17	39,400	0	39,400					60	Dry
	Mon	5/22/17	39,188	0	39,187			0.20	Rain	65	Wet
	Tue	5/23/17	39,188	0	39,187			0.40	Rain		
	Wed	5/24/17	39,188	0	39,187			0.40	Rain		
	Thu	5/25/17	39,188	0	39,187			0.40	Rain		
	Fri	5/26/17	43,950	43,950	0					72	Dry
	Sat	5/27/17	43,950	43,950	0						
5	Sun	5/28/17	43,950	43,950	0						
	Mon	5/29/17	43,875	43,875	0			0.40	Rain	70	Wet
	Tue	5/30/17	43,875	43,875	0						
	Wed	5/31/17	43,575	43,575	0						
	Thu	6/1/17	43,575	43,575	0					81	Dry
	Fri	6/2/17	0	51,600	51,600					77	Dry
	Sat	6/3/17	0	54,975	54,975						
Monthly Totals:			888,976	708,524	702,048			3.20			
Max Weekly:			284,052	325,425	244,100	0	0				
Inches/Acre/Week (Max):			1.70	1.94	1.46	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
 Title: **Agent**

License No.: **S 6899**  
 Date: **6/8/2017**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	06	01	TO	2017	06	30	

Reorting Frequency: **Monthly**  
DMR Effective From: **06/01/2017**  
DMR Effective To: **06/30/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due **06/03/2021**  
No Discharge? **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	8.2	***	8.2	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	12.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	4.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

MONITORING PERIOD

YEAR

MO

DAY

2017

06

01

TO

YEAR

MO

DAY

2017

06

30

Reorting Frequency: Monthly

DMR Effective From: 06/01/2017

DMR Effective To: 06/30/2017

Permit Expires: 11/30/2021

Permit Application Due 06/03/2021

No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0448	.0592	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
June 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-07-10T14:17:15-04:00	
June 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-07-10T14:16:33-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.0448 MGD; Influent BOD5 = 284 mg/L; Influent TSS = 224 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	7	10
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY





Month: 6 (Select number) Year: 2017  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **7/10/2017**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	07	01	TO	2017	07	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **07/01/2017**  
DMR Effective To: **07/31/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	7.2	***	7.5	S.U.	Grab	2/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	16.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	9.3	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **07/01/2017**  
DMR Effective To: **07/31/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	07	01	TO	2017	07	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0443	.0555	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
July 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-08-08T09:47:23-04:00	
July 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-08-08T09:46:32-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Avg. Daily Influent Flow = 0.0443 MGD; Influent BOD5 = 235 mg/L; Influent TSS = 164 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	8	8
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY





Month: 7 (Select number) Year: 2017  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **8/8/2017**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	08	01	TO	2017	08	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **08/01/2017**  
DMR Effective To: **08/31/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due **06/03/2021**  
No Discharge? **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	8.2	***	8.2	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	<17.0	***	***	mg/L	Grab	3/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	7.2	***	***	mg/L	Grab	3/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**

ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**

FACILITY: **MALVERN HUNT STP**

LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**

STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**

DMR Effective From: **08/01/2017**

DMR Effective To: **08/31/2017**

Permit Expires: **11/30/2021**

Permit Application Due **06/03/2021**

No Discharge? **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	08	01	TO	2017	08	31

FROM

TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.04438	.05245	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Aug 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-09-12T10:58:21-04:00	
Aug 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-09-12T10:59:00-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.04438; Influent BOD = 113 mg/L; Influent TSS = 68 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	9	12
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

# SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 8 (select number) Year: 2017  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5	TSS	Fecal Coliform	pH								
Stage			1												
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q	
1	Sun	7/30/17	0.1016												
	Mon	7/31/17	0.109												
	Tue	8/1/17	0.109												
	Wed	8/2/17	0.11345												
	Thu	8/3/17	0.11345												
	Fri	8/4/17	0.11567												
	Sat	8/5/17	0.11567												
2	Sun	8/6/17	0.11567												
	Mon	8/7/17	0.0												
	Tue	8/8/17	0.11317	13.2	41.0	<	1.0	8.2							
	Wed	8/9/17	0.11317												
	Thu	8/10/17	0.11317												
	Fri	8/11/17	0.09475												
	Sat	8/12/17	0.09475												
3	Sun	8/13/17	0.1176												
	Mon	8/14/17	0.10597												
	Tue	8/15/17	0.10597												
	Wed	8/16/17	0.10597												
	Thu	8/17/17	0.11493	6.1	<	5.0									
	Fri	8/18/17	0.11493												
	Sat	8/19/17	0.11493												
4	Sun	8/20/17	0.11493												
	Mon	8/21/17	0.11865												
	Tue	8/22/17	0.11865												
	Wed	8/23/17	0.1072												
	Thu	8/24/17	0.11185	2.3	<	5.0									
	Fri	8/25/17	0.11185												
	Sat	8/26/17	0.1119												
5	Sun	8/27/17	0.1119												
	Mon	8/28/17	0.06995												
	Tue	8/29/17	0.06995												
	Wed	8/30/17	0.0737												
	Thu	8/31/17	0.06593												
	Fri	9/1/17	0.06593												
	Sat	9/2/17	0.06593												
Statistics for DMR															
Daily Minimum (Conc.):					2.3	<	5	<	1		8.2				
Daily Maximum (Conc.):					13.2		41	<	1		8.2				
Max Avg Weekly (Conc.):					13.2		41								
Avg Monthly (Conc.):					7.2	<	17								
Geometric Mean (Conc.):								<	1						
Max Avg Weekly (Load):			0.113575		12		39								
Avg Monthly (Load):			0.102536		7	<	16								
Total Monthly (Load):			3.178624		211	<	498								
Daily Minimum (Load):			0		2	<	5								
Daily Maximum (Load):			0.11865		12		39								

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 12-Sep-17



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Township** County: **Chester**  
Watershed: **3F-Wissahic**

Month: **8** (Select number) Year: **2017**  
Permit No.: **1599418** Outfall: **Spray**  
This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	7/30/17	50,800	50,800	0					87	Dry
	Mon	7/31/17	54,500	54,500	0					89	Dry
	Tue	8/1/17	54,500	54,500	0						
	Wed	8/2/17	56,725	56,725	0			0.10	Rain	88	Damp
	Thu	8/3/17	56,725	56,725	0						
	Fri	8/4/17	0	57,833	57,833						Dry
	Sat	8/5/17	0	57,833	57,833						
2	Sun	8/6/17	0	57,833	57,833						
	Mon	8/7/17	0	0	0			0.70	Rain	65	Wet
	Tue	8/8/17	0	56,583	56,583						
	Wed	8/9/17	0	56,583	56,583						
	Thu	8/10/17	0	56,583	56,583						
	Fri	8/11/17	47,375	0	47,375					65	Dry
	Sat	8/12/17	47,375	0	47,375						
3	Sun	8/13/17	58,800	0	58,800			0.10	Rain	70	Dry
	Mon	8/14/17	52,983	0	52,983					80	Dry
	Tue	8/15/17	52,983	0	52,983						
	Wed	8/16/17	52,983	0	52,983						
	Thu	8/17/17	57,462	0	57,462					90	Dry
	Fri	8/18/17	57,462	57,462	0						
	Sat	8/19/17	57,462	57,462	0						
4	Sun	8/20/17	57,462	57,462	0						
	Mon	8/21/17	59,325	59,325	0					68	Dry
	Tue	8/22/17	59,325	59,325	0			0.40	Rain		
	Wed	8/23/17	53,600	53,600	0			0.30	Rain	77	Damp
	Thu	8/24/17	0	55,925	55,925					75	Dry
	Fri	8/25/17	0	55,925	55,925						
	Sat	8/26/17	0	55,950	55,950					59	Dry
5	Sun	8/27/17	0	55,950	55,950						
	Mon	8/28/17	0	34,975	34,975					70	Dry
	Tue	8/29/17	0	34,975	34,975			0.30	Rain	65	Wet
	Wed	8/30/17	0	36,850	36,850					70	
	Thu	8/31/17	32,963	0	32,963						
	Fri	9/1/17	32,963	0	32,963						
	Sat	9/2/17	32,963	0	32,963						
Monthly Totals:			915,510	1,186,384	1,076,722			1.90			
Max Weekly:			390,135	397,512	322,332	0	0				
Inches/Acre/Week (Max):			2.33	2.37	1.93	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S 6899**  
Date: **9/12/2017**





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **09/01/2017**  
DMR Effective To: **09/30/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	09	01	TO	2017	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	9.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	4.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

MONITORING PERIOD

YEAR

MO

DAY

2017

09

01

TO

YEAR

MO

DAY

2017

09

30

Reorting Frequency: Monthly

DMR Effective From: 09/01/2017

DMR Effective To: 09/30/2017

Permit Expires: 11/30/2021

Permit Application Due 06/03/2021

No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0424	.0498	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Sept 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-10-05T10:54:22-04:00	
Sept 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-10-05T10:55:00-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Avg. Daily Influent Flow = 0.0424 MGD; Influent BOD5 = 211 mg/L; Influent TSS = 84 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	10	5
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY





Month: 9 (Select number) Year: 2017  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **10/5/2017**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	10	01	TO	2017	10	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **10/01/2017**  
DMR Effective To: **10/31/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due **06/03/2021**  
No Discharge? **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	7.9	***	7.9	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	<5.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	2.4	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **10/01/2017**  
DMR Effective To: **10/31/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	10	01	TO	2017	10	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0436	.0594	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Oct 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-11-06T10:11:42-05:00	
Oct 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-11-06T10:12:23-05:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0436 MGD; Influent BOD5 = 113 mg/L; Influent TSS = 88 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2017	11	6
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO







Month: 10 (Select number) Year: 2017  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **11/6/2017**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **11/01/2017**  
DMR Effective To: **11/30/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	11	01	TO	2017	11	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	7.8	***	7.8	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	<5.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	2.7	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **11/01/2017**  
DMR Effective To: **11/30/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	11	01	TO	2017	11	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0429	.0496	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments		Raw Influent Data: Average Daily Influent Flow = 0.0429 MGD; Influent BOD5 = 238 mg/L; Influent TSS = 212 mg/L.								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Nov 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-12-11T11:00:17-05:00	
Nov 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-12-11T11:00:52-05:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0429 MGD; Influent BOD5 = 238 mg/L; Influent TSS = 212 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

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RUFFINIP			AREA CODE	NUMBER	2017	12	11
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 11 (select number) Year: 2017  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH				
Stage			1											
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q
1	Sun	10/29/17	0.0											
	Mon	10/30/17	0.06598											
	Tue	10/31/17	0.04915											
	Wed	11/1/17	0.04915											
	Thu	11/2/17	0.05018											
	Fri	11/3/17	0.05018											
	Sat	11/4/17	0.05018											
2	Sun	11/5/17	0.05018											
	Mon	11/6/17	0.0502											
	Tue	11/7/17	0.05002											
	Wed	11/8/17	0.05002											
	Thu	11/9/17	0.05002											
	Fri	11/10/17	0.05002											
	Sat	11/11/17	0.05002											
3	Sun	11/12/17	0.05002											
	Mon	11/13/17	0.04637		2.7	<	5.0	<	1.0		7.8			
	Tue	11/14/17	0.04637											
	Wed	11/15/17	0.04637											
	Thu	11/16/17	0.05003											
	Fri	11/17/17	0.05003											
	Sat	11/18/17	0.05003											
4	Sun	11/19/17	0.04993											
	Mon	11/20/17	0.04993											
	Tue	11/21/17	0.04993											
	Wed	11/22/17	0.0499											
	Thu	11/23/17	0.05314											
	Fri	11/24/17	0.05314											
	Sat	11/25/17	0.05314											
5	Sun	11/26/17	0.05314											
	Mon	11/27/17	0.05314											
	Tue	11/28/17	0.05314											
	Wed	11/29/17	0.05314											
	Thu	11/30/17	0.0											
	Fri	12/1/17	0.0											
	Sat	12/2/17	0.0											
<b>Statistics for DMR</b>														
Daily Minimum (Conc.):					2.7	<	5	<	1		7.8			
Daily Maximum (Conc.):					2.7	<	5	<	1		7.8			
Max Avg Weekly (Conc.):					2.7	<	5							
Avg Monthly (Conc.):					2.7	<	5							
Geometric Mean (Conc.):								<	1					
Max Avg Weekly (Load):			0.051304		1	<	2							
Avg Monthly (Load):			0.048701		1	<	2							
Total Monthly (Load):			1.461036		31	<	58							
Daily Minimum (Load):			0		1	<	2							
Daily Maximum (Load):			0.053142		1	<	2							

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 11-Dec-17



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
 Municipality: **East Whiteland Township** County: **Chester**  
 Watershed: **3F-Wissahic**

Month: **11** (Select number) Year: **2017**  
 Permit No.: **1599418** Outfall: **Spray**  
 This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	10/29/17	0	0	0						
	Mon	10/30/17	0	32,990	32,990						
	Tue	10/31/17	0	24,575	24,575						
	Wed	11/1/17	24,575	0	24,575						
	Thu	11/2/17	25,087	0	25,087					75	Dry
	Fri	11/3/17	25,087	0	25,087						
	Sat	11/4/17	25,087	0	25,087						
2	Sun	11/5/17	25,087	0	25,087						
	Mon	11/6/17	25,100	0	25,100					65	Dry
	Tue	11/7/17	25,008	0	25,008					50	Dry
	Wed	11/8/17	0	25,008	25,008						
	Thu	11/9/17	0	25,008	25,008						
	Fri	11/10/17	0	25,008	25,008						
	Sat	11/11/17	0	25,008	25,008						
3	Sun	11/12/17	0	25,008	25,008						
	Mon	11/13/17	0	23,183	23,183						
	Tue	11/14/17	0	23,183	23,183						
	Wed	11/15/17	0	23,183	23,183						
	Thu	11/16/17	25,016	25,016	0					58	Dry
	Fri	11/17/17	25,016	25,016	0						
	Sat	11/18/17	25,016	25,016	0						
4	Sun	11/19/17	24,966	24,966	0						
	Mon	11/20/17	24,966	24,966	0						
	Tue	11/21/17	24,966	24,966	0						
	Wed	11/22/17	24,950	24,950	0			0.10	Rain	53	Dry
	Thu	11/23/17	26,571	0	26,571					29	Dry
	Fri	11/24/17	26,571	0	26,571						
	Sat	11/25/17	26,571	0	26,571						
5	Sun	11/26/17	26,571	0	26,571						
	Mon	11/27/17	26,571	0	26,571						
	Tue	11/28/17	26,571	0	26,571						
	Wed	11/29/17	26,571	0	26,571						
	Thu	11/30/17	0	0	0					50	Dry
	Fri	12/1/17	0	0	0						
	Sat	12/2/17	0	0	0						
Monthly Totals:			535,924	369,485	555,617			0.10			
Max Weekly:			179,561	169,605	175,227	0	0				
Inches/Acre/Week (Max):			1.07	1.01	1.05	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
 Title: **Agent**

License No.: **S 6899**  
 Date: **12/11/2017**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2017	12	01	TO	2017	12	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **12/01/2017**  
DMR Effective To: **12/31/2017**  
Permit Expires: **11/30/2021**  
Permit Application Due **06/03/2021**  
No Discharge? **Yes**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 12/01/2017

DMR Effective To: 12/31/2017

Permit Expires: 11/30/2021

Permit Application Due 06/03/2021

No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2017	12	01	TO	2017	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0456	.0544	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent data: Average Daily Influent Flow = 0.0456 MGD; Influent BOD5 = 238 mg/L; Influent TSS = 87 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2018	1	9
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2018	01	01	TO	2018	01	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **01/01/2018**  
DMR Effective To: **01/31/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due **06/03/2021**  
No Discharge? **Yes**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	30.0 Avg Mo	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	25.0 Avg Mo	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **01/01/2018**  
DMR Effective To: **01/31/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	01	01	TO	2018	01	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0453	.0565	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments	Influent BOD5 = 207 mg/L; Influent TSS = 220 mg/L.									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Influent Daily Flow = 0.0453; Influent BOD5 = 207 mg/L; Influent TSS = 220 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2018	2	8
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2018	02	01	TO	2018	02	28	

Reorting Frequency: **Monthly**  
DMR Effective From: **02/01/2018**  
DMR Effective To: **02/28/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due **06/03/2021**  
No Discharge? **Yes**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	30.0 Avg Mo	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	25.0 Avg Mo	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 02/01/2018

DMR Effective To: 02/28/2018

Permit Expires: 11/30/2021

Permit Application Due 06/03/2021

No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	02	01	TO	2018	02	28

FROM

TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0486	.0638	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0486 MGD; Influent BOD5 = 128 mg/L; Influent TSS = 116 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2018	3	7
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **03/01/2018**  
DMR Effective To: **03/31/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **Yes**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	03	01	TO	2018	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	30.0 Avg Mo	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	25.0 Avg Mo	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

MONITORING PERIOD

YEAR

MO

DAY

2018

03

01

TO

YEAR

MO

DAY

2018

03

31

Reorting Frequency: Monthly

DMR Effective From: 03/01/2018

DMR Effective To: 03/31/2018

Permit Expires: 11/30/2021

Permit Application Due 06/03/2021

No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0459	.0714	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
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PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0459 MGD; Influent BOD5 = 299 mg/L; Influent TSS = 172 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2018	4	5
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **04/01/2018**  
DMR Effective To: **04/30/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	04	01	TO	2018	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	8.5	***	8.5	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	12.0	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30.0 Avg Mo	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	2.6	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	25.0 Avg Mo	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **04/01/2018**  
DMR Effective To: **04/30/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	04	01	TO	2018	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0460	.0591	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Apr 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-05-14T09:29:04-04:00	
Apr 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-05-14T09:30:02-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average daily influent flow = 0.0460 MGD; Influent BOD5 = 389 mg/L; Influent TSS = 260 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2018	5	14
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY





Month: 4 (Select number) Year: 2018  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **5/10/2018**





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2018	05	01	TO	2018	05	31	

Reorting Frequency: **Monthly**  
DMR Effective From: **05/01/2018**  
DMR Effective To: **05/31/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due **06/03/2021**  
No Discharge? **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	7.5	***	7.5	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	6.0	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30.0 Avg Mo	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	5.1	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	25.0 Avg Mo	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418

PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 05/01/2018

DMR Effective To: 05/31/2018

Permit Expires: 11/30/2021

Permit Application Due 06/03/2021

No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	05	01	TO	2018	05	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0647	.0841	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
May 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-06-11T13:29:06-04:00	
May 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-06-11T13:29:47-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
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COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0647 MGD; Influent BOD5 = 312 mg/L; Influent TSS = 520 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2018	6	11
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 5 (select number) Year: 2018  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5	TSS	Fecal Coliform	pH						
Stage			1	1	1	1	1						
Week	Day	Date	MGD	Q mg/L	Q mg/L	Q CFU/100 ml	Q S.U.	Q	Q	Q	Q	Q	Q
1	Sun	4/29/18	0.06787										
	Mon	4/30/18	0.06787										
	Tue	5/1/18	0.06787										
	Wed	5/2/18	0.0869										
	Thu	5/3/18	0.0869										
	Fri	5/4/18	0.08705										
	Sat	5/5/18	0.08705										
2	Sun	5/6/18	0.0774										
	Mon	5/7/18	0.07927	5.1	6.0		7.5						
	Tue	5/8/18	0.07927			< 1.0							
	Wed	5/9/18	0.07927										
	Thu	5/10/18	0.0776										
	Fri	5/11/18	0.0776										
	Sat	5/12/18	0.0776										
3	Sun	5/13/18	0.0776										
	Mon	5/14/18	0.08827										
	Tue	5/15/18	0.08827										
	Wed	5/16/18	0.08827										
	Thu	5/17/18	0.0										
	Fri	5/18/18	0.0										
	Sat	5/19/18	0.0										
4	Sun	5/20/18	0.0839										
	Mon	5/21/18	0.0909										
	Tue	5/22/18	0.0909										
	Wed	5/23/18	0.0909										
	Thu	5/24/18	0.09103										
	Fri	5/25/18	0.09103										
	Sat	5/26/18	0.09103										
5	Sun	5/27/18	0.0912										
	Mon	5/28/18	0.082										
	Tue	5/29/18	0.082										
	Wed	5/30/18	0.082										
	Thu	5/31/18	0.08227										
	Fri	6/1/18	0.05484										
	Sat	6/2/18	0.05484										
<b>Statistics for DMR</b>													
Daily Minimum (Conc.):				5.1	6	< 1	7.5						
Daily Maximum (Conc.):				5.1	6	< 1	7.5						
Max Avg Weekly (Conc.):				5.1	6								
Avg Monthly (Conc.):				5.1	6								
Geometric Mean (Conc.):						< 1							
Max Avg Weekly (Load):			0.089957	3	4								
Avg Monthly (Load):			0.075978	3	4								
Total Monthly (Load):			2.355327	105	123								
Daily Minimum (Load):			0	3	4								
Daily Maximum (Load):			0.0912	3	4								

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 6/11/2018 12:40



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
 Municipality: **East Whiteland Township** County: **Chester**  
 Watershed: **3F-Wissahic**

Month: **5** (Select number) Year: **2018**  
 Permit No.: **1599418** Outfall: **Spray**  
 This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	4/29/18	33,933	33,933	0						
	Mon	4/30/18	33,933	33,933	0						
	Tue	5/1/18	33,933	33,933	0					85	Dry
	Wed	5/2/18	43,450	43,450	0						
	Thu	5/3/18	43,450	43,450	0						
	Fri	5/4/18	43,525	43,525	0					78	Dry
	Sat	5/5/18	43,525	43,525	0						
2	Sun	5/6/18	38,700	0	38,700						
	Mon	5/7/18	39,633	0	39,633						
	Tue	5/8/18	39,633	0	39,633						
	Wed	5/9/18	39,633	0	39,633						
	Thu	5/10/18	38,800	0	38,800					74	Dry
	Fri	5/11/18	38,800	0	38,800						
	Sat	5/12/18	38,800	0	38,800						
3	Sun	5/13/18	38,800	0	38,800			0.40	Rain	70	Wet
	Mon	5/14/18	0	44,133	44,133			0.30	Rain	59	Wet
	Tue	5/15/18	0	44,133	44,133						
	Wed	5/16/18	0	44,133	44,133						
	Thu	5/17/18	0	0	0			1.50	Rain	61	Wet
	Fri	5/18/18	0	0	0						
	Sat	5/19/18	0	0	0						
4	Sun	5/20/18	41,950	41,950	0			1.70	Rain	62	Wet
	Mon	5/21/18	45,450	45,450	0					80	Damp
	Tue	5/22/18	45,450	45,450	0					80	Dry
	Wed	5/23/18	45,450	45,450	0						
	Thu	5/24/18	45,516	45,516	0					80	Dry
	Fri	5/25/18	45,516	45,516	0						
	Sat	5/26/18	45,516	45,516	0						
5	Sun	5/27/18	45,600	45,600	0			0.40	Rain	70	Wet
	Mon	5/28/18	41,000	0	41,000						
	Tue	5/29/18	41,000	0	41,000						
	Wed	5/30/18	41,000	0	41,000			0.01	Rain	74	Wet
	Thu	5/31/18	41,133	0	41,133						
	Fri	6/1/18	27,422	0	27,422						
	Sat	6/2/18	27,422	0	27,422						
Monthly Totals:			1,045,263	700,730	609,331			4.31			
Max Weekly:			314,848	314,848	273,999	0	0				
Inches/Acre/Week (Max):			1.88	1.87	1.64	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
 Title: **Agent**

License No.: **S 6899**  
 Date: **6/11/2018**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2018	06	01	TO	2018	06	30	

Reorting Frequency: **Monthly**  
DMR Effective From: **06/01/2018**  
DMR Effective To: **06/30/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	***	7.6	***	7.6	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	9.0	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30.0 Avg Mo	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	8.4	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	25.0 Avg Mo	***		Grab	1/month
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reorting Frequency: **Monthly**  
DMR Effective From: **06/01/2018**  
DMR Effective To: **06/30/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge?: **No**

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	06	01	TO	2018	06	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow	Sample Measurement	.0465	.0596	MGD	***	***	***	***	Estimate	1/month
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments		It was determined that the influent flow meter is malfunctioning due to unusually high recorded flows during the month. The most recent 12-month average was used to estimate average monthly and daily maximum influent flows. The flow meter will be serviced as soon as possible.								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
June 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-07-10T11:11:15-04:00	
June 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-07-10T11:11:52-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
59544	Influent( 516778)	Flow	Sample type not in accordance with permit	It was determined that the influent flow meter is malfunctioning due to unusually high recorded flows during the month. The most recent 12-month average was used to estimate average monthly and daily maximum influent flows. The flow meter will be serviced as soon as possible.
59545	Influent( 516778)	Flow	Sample collection less frequent than required	It was determined that the influent flow meter is malfunctioning due to unusually high recorded flows during the month. The most recent 12-month average was used to estimate average monthly and daily maximum influent flows. The flow meter will be serviced as soon as possible.

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Influent Flow Data: ESTIMATED average daily effluent flow = 0.0465 MGD (12-month average); Influent BOD5 = 168 mg/L; Influent TSS = 124 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
RUFFINIP			AREA CODE	NUMBER	2018	7	10
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY







Month: 6 (Select number) Year: 2018  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

License No.: **S 6899**  
Date: **7/10/2018**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Final Effluent**

1599418				001			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2018	07	01	TO	2018	07	31	

Reporting Frequency: **Monthly**  
DMR Effective From: **07/01/2018**  
DMR Effective To: **07/31/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	7.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY**  
ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633**  
FACILITY: **MALVERN HUNT STP**  
LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355**  
STAGE: **Influent**

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: **Monthly**  
DMR Effective From: **07/01/2018**  
DMR Effective To: **07/31/2018**  
Permit Expires: **11/30/2021**  
Permit Application Due: **06/03/2021**  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	07	01	TO	2018	07	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.0465	.0596	MGD	***	***	***	***	1/month	Estimate
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Comments	The influent flow meter is beyond repair and is scheduled to be replaced. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
July 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-08-07T10:22:11-04:00	
July 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-08-07T10:22:45-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point	Cause Of NC	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
69005	Influent (516778)	Flow	Sample type not in accordance with permit	The influent flow meter is beyond repair and is scheduled to be replaced. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.
69006	Influent (516778)	Flow	Sample collection less frequent than required	The influent flow meter is beyond repair and is scheduled to be replaced. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Estimated Influent Flow = 0.0465 MGD; Influent BOD5 = 423 mg/L; Influent TSS = 348 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			717	2783444	2018	8	7
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY





Month: 7 (Select number) Year: 2018  
 Permit No.: 1599418 Outfall: Spray  
 This permit will expire on: 30-Nov-21

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: **S 6899**  
Date: **8/7/2018**

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2018  
DMR Effective To: 08/31/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	08	01	TO	2018	08	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.9	***	7.9	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	11.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	2	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	4.1	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2018  
DMR Effective To: 08/31/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	08	01	TO	2018	08	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.0465	.0596	MGD	***	***	***	***	1/month	Estimate
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***	***	Continuous	Recorded
Facility Comments	The influent flow meter is beyond repair and is scheduled to be replaced on September 12, 2018. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Aug 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-09-11T11:08:33-04:00	
Aug 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-09-11T11:09:06-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
70973	Sample type not in accordance with permit	Influent (516778)	Flow	Estimate	Recorded	The influent flow meter is beyond repair and is scheduled to be replaced on September 12, 2018. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.
70974	Sample collection less frequent than required	Influent (516778)	Flow	1/month	Continuous	The influent flow meter is beyond repair and is scheduled to be replaced on September 12, 2018. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow (estimated) = 0.0465 MGD; Influent BOD5 = 121 mg/L; Influent TSS = 168 mg/L.	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2018	9	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 8 (select number) Year: 2018  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5	TSS	Fecal Coliform	pH						
Stage			1	1	1	1	1						
Week	Day	Date	MGD	Q mg/L	Q mg/L	Q CFU/100 ml	Q S.U.	Q		Q		Q	
1	Sun	7/29/18	0.1036										
	Mon	7/30/18	0.10625										
	Tue	7/31/18	0.10625										
	Wed	8/1/18	0.10578										
	Thu	8/2/18	0.10578										
	Fri	8/3/18	0.10578										
	Sat	8/4/18	0.10578										
2	Sun	8/5/18	0.1191										
	Mon	8/6/18	0.11763										
	Tue	8/7/18	0.11763										
	Wed	8/8/18	0.11763										
	Thu	8/9/18	0.11617				7.9						
	Fri	8/10/18	0.11617										
	Sat	8/11/18	0.11617										
3	Sun	8/12/18	0.0										
	Mon	8/13/18	0.11715	4.1	11.0								
	Tue	8/14/18	0.11715			2.0							
	Wed	8/15/18	0.11715										
	Thu	8/16/18	0.11715										
	Fri	8/17/18	0.1177										
	Sat	8/18/18	0.1177										
4	Sun	8/19/18	0.1202										
	Mon	8/20/18	0.11687										
	Tue	8/21/18	0.11687										
	Wed	8/22/18	0.11687										
	Thu	8/23/18	0.11733										
	Fri	8/24/18	0.11733										
	Sat	8/25/18	0.11733										
5	Sun	8/26/18	0.1048										
	Mon	8/27/18	0.1042										
	Tue	8/28/18	0.1042										
	Wed	8/29/18	0.1042										
	Thu	8/30/18	0.09693										
	Fri	8/31/18	0.09693										
	Sat	9/1/18	0.09693										
<b>Statistics for DMR</b>													
Daily Minimum (Conc.):				4.1	11	2	7.9						
Daily Maximum (Conc.):				4.1	11	2	7.9						
Max Avg Weekly (Conc.):				4.1	11								
Avg Monthly (Conc.):				4.1	11								
Geometric Mean (Conc.):						2							
Max Avg Weekly (Load):			0.117542	4	11								
Avg Monthly (Load):			0.109086	4	11								
Total Monthly (Load):			3.38166	124	333								
Daily Minimum (Load):			0	4	11								
Daily Maximum (Load):			0.1202	4	11								

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 9/11/2018 10:39



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name: **Malvern Hunt STP**  
 Municipality: **East Whiteland Township** County: **Chester**  
 Watershed: **3F-Wissahic**

Month: **8** (Select number) Year: **2018**  
 Permit No.: **1599418** Outfall: **Spray**  
 This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	7/29/18	51,800	0	51,800					72	Dry
	Mon	7/30/18	53,125	0	53,125					70	Damp
	Tue	7/31/18	53,125	0	53,125						
	Wed	8/1/18	52,887	0	52,887			0.20	Rain	89	Damp
	Thu	8/2/18	52,887	0	52,887						
	Fri	8/3/18	52,887	0	52,887						
	Sat	8/4/18	52,887	0	52,887					89	Dry
2	Sun	8/5/18	59,550	59,550	0					89	Dry
	Mon	8/6/18	58,816	58,816	0						
	Tue	8/7/18	58,816	58,816	0						
	Wed	8/8/18	58,816	58,816	0						
	Thu	8/9/18	58,083	58,083	0					91	Dry
	Fri	8/10/18	58,083	58,083	0						
	Sat	8/11/18	58,083	58,083	0						
3	Sun	8/12/18	0	0	0						
	Mon	8/13/18	58,575	0	58,575						
	Tue	8/14/18	58,575	0	58,575						
	Wed	8/15/18	58,575	0	58,575						
	Thu	8/16/18	58,575	0	58,575						
	Fri	8/17/18	58,850	0	58,850					91	Dry
	Sat	8/18/18	58,850	0	58,850			0.10	Rain		
4	Sun	8/19/18	0	60,100	60,100					72	Wet
	Mon	8/20/18	0	58,433	58,433			0.40	Rain	76	Damp
	Tue	8/21/18	0	58,433	58,433						
	Wed	8/22/18	0	58,433	58,433						
	Thu	8/23/18	0	58,666	58,666					82	Dry
	Fri	8/24/18	0	58,666	58,666						
	Sat	8/25/18	0	58,666	58,666						
5	Sun	8/26/18	52,400	52,400	0					84	Dry
	Mon	8/27/18	52,100	52,100	0						Dry
	Tue	8/28/18	52,100	52,100	0						
	Wed	8/29/18	52,100	52,100	0						
	Thu	8/30/18	48,466	48,466	0					83	Dry
	Fri	8/31/18	48,466	48,466	0						
	Sat	9/1/18	48,466	48,466	0						
Monthly Totals:			1,279,427	1,127,276	974,945			0.70			
Max Weekly:			410,247	411,397	411,397	0	0				
Inches/Acre/Week (Max):			2.45	2.45	2.46	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
 Title: **Agent**

License No.: **S 6899**  
 Date: **9/11/2018**

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 09/01/2018  
DMR Effective To: 09/30/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	09	01	TO	2018	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	17.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	20	***	CFU/100 ml	2/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	11.6	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly

DMR Effective From: 09/01/2018

DMR Effective To: 09/30/2018

Permit Expires: 11/30/2021

Permit Application Due: 06/03/2021

No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	09	01	TO	2018	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.0465	.0596	MGD	***	***	***	***	1/month	Estimate
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***	***	Continuous	Recorded
Facility Comments	The influent flow meter was replaced on September 12, 2018, but additional calibration is necessary. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.									





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Sept 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-10-04T12:17:10-04:00	
Sept 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-10-04T12:16:28-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
72488	Sample type not in accordance with permit	Influent (516778)	Flow	Estimate	Recorded	The influent flow meter was replaced on September 12, 2018, but additional calibration is necessary. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.
72489	Sample collection less frequent than required	Influent (516778)	Flow	1/month	Continuous	The influent flow meter was replaced on September 12, 2018, but additional calibration is necessary. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow (estimated) = 0.0465 MGD; Influent BOD5 = 254 mg/L; Influent TSS = 144 mg/L	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2018	10	4
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

License No.: **S6899**  
Date: **10/4/2018 11:21**





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2018  
DMR Effective To: 10/31/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	10	01	TO	2018	10	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	14.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	7.3	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2018  
DMR Effective To: 10/31/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	10	01	TO	2018	10	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	209	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	140	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0437	.0474	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Oct 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-11-13T11:13:04-05:00	
Oct 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-11-13T11:13:44-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
			(717)	278-3444	2018	11	13
ruffinip		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Twp.** County: **Chester**  
Watershed: **3F-Wissahickon**  
Laboratories: **ALS Environmental**

Month: **10** (select number) Year: **2018**  
Permit No.: **1599418** Outfall: **Spray**  
Renewal application due **180 days** prior to expiration.  
This permit will expire on: **November 30, 2021**

Parameter			Flow	CBOD5	TSS	Fecal Coliform	pH								
Stage			1	1	1	1	1								
Week	Day	Date	MGD	Q mg/L	Q mg/L	Q CFU/100 ml	Q S.U.	Q		Q		Q		Q	
1	Sun	9/30/18	0.0803												
	Mon	10/1/18	0.07315												
	Tue	10/2/18	0.07315												
	Wed	10/3/18	0.07315												
	Thu	10/4/18	0.07315												
	Fri	10/5/18	0.0726												
	Sat	10/6/18	0.0726												
2	Sun	10/7/18	0.074												
	Mon	10/8/18	0.07257	7.3	14.0		8.1								
	Tue	10/9/18	0.07257			< 1.0									
	Wed	10/10/18	0.07257												
	Thu	10/11/18	0.07275												
	Fri	10/12/18	0.07275												
	Sat	10/13/18	0.07275												
3	Sun	10/14/18	0.07275												
	Mon	10/15/18	0.0735												
	Tue	10/16/18	0.0733												
	Wed	10/17/18	0.07315												
	Thu	10/18/18	0.07315												
	Fri	10/19/18	0.07315												
	Sat	10/20/18	0.07315												
4	Sun	10/21/18	0.0731												
	Mon	10/22/18	0.07295												
	Tue	10/23/18	0.07295												
	Wed	10/24/18	0.07295												
	Thu	10/25/18	0.07295												
	Fri	10/26/18	0.0725												
	Sat	10/27/18	0.0725												
5	Sun	10/28/18	0.0735												
	Mon	10/29/18	0.07333												
	Tue	10/30/18	0.07333												
	Wed	10/31/18	0.07333												
	Thu	11/1/18	0.07333												
	Fri	11/2/18	0.0488												
	Sat	11/3/18	0.0488												
<b>Statistics for DMR</b>															
Daily Minimum (Conc.):				7.3	14	< 1	8.1								
Daily Maximum (Conc.):				7.3	14	< 1	8.1								
Max Avg Weekly (Conc.):				7.3	14										
Avg Monthly (Conc.):				7.3	14										
Geometric Mean (Conc.):						< 1									
Max Avg Weekly (Load):			0.074014	4	8										
Avg Monthly (Load):			0.073009	4	8										
Total Monthly (Load):			2.263273	137	263										
Daily Minimum (Load):			0.0725	4	8										
Daily Maximum (Load):			0.074	4	8										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 11/13/2018 9:51

**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Township County: Chester  
Watershed: 3F-Wissahic

Month: 10 (Select number) Year: 2018  
Permit No.: 1599418 Outfall: Spray  
This permit will expire on: 30-Nov-21

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	9/30/18	0	40,150	40,150					80	Dry
	Mon	10/1/18	0	36,575	36,575						
	Tue	10/2/18	0	36,575	36,575						
	Wed	10/3/18	0	36,575	36,575						
	Thu	10/4/18	0	36,575	36,575						
	Fri	10/5/18	0	36,300	36,300					63	Dry
	Sat	10/6/18	0	36,300	36,300						
2	Sun	10/7/18	0	37,000	37,000					68	Dry
	Mon	10/8/18	36,283	36,283	0					76	Damp
	Tue	10/9/18	36,283	36,283	0						
	Wed	10/10/18	36,283	36,283	0						
	Thu	10/11/18	36,375	36,375	0			0.10	Rain	82	Damp
	Fri	10/12/18	36,375	36,375	0						
	Sat	10/13/18	36,375	36,375	0						
3	Sun	10/14/18	36,375	36,375	0						
	Mon	10/15/18	36,750	0	36,750			0.10	Rain	70	Damp
	Tue	10/16/18	36,650	0	36,650					60	Dry
	Wed	10/17/18	36,575	0	36,575					60	Dry
	Thu	10/18/18	36,575	0	36,575						
	Fri	10/19/18	36,575	0	36,575						
	Sat	10/20/18	36,575	0	36,575			0.10	Rain		
4	Sun	10/21/18	0	36,550	36,550					44	Wet
	Mon	10/22/18	0	36,475	36,475					50	Dry
	Tue	10/23/18	0	36,475	36,475						
	Wed	10/24/18	0	36,475	36,475						
	Thu	10/25/18	0	36,475	36,475						
	Fri	10/26/18	0	36,250	36,250			0.30	Rain	55	Wet
	Sat	10/27/18	0	36,250	36,250			0.40	Rain		
5	Sun	10/28/18	36,750	36,750	0			0.10	Rain	55	Wet
	Mon	10/29/18	36,662	36,662	0					55	Damp
	Tue	10/30/18	36,662	36,662	0						
	Wed	10/31/18	36,662	36,662	0						
	Thu	11/1/18	36,662	36,662	0						
	Fri	11/2/18	24,400	24,400	0					71	Dry
	Sat	11/3/18	24,400	24,400	0						
Monthly Totals:			620,785	911,935	730,550			1.10			
Max Weekly:			256,075	259,050	259,050	0	0				
Inches/Acre/Week (Max):			1.53	1.54	1.55	0.00	0.00				

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Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S 6899  
Date: 11/13/2018



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2018  
DMR Effective To: 11/30/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	11	01	TO	2018	11	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	34	***	CFU/100 ml	3/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments										

COMMONWEALTH OF PENNSYLVANIA  
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LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2018  
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No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	11	01	TO	2018	11	30

FROM

TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	199	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	128	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0502	.0701	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Nov 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-12-11T10:14:43-05:00	
Nov 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-12-11T10:15:10-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2018	12	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

License No.: **S6899**  
Date: **12/11/2018 9:16**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2018  
DMR Effective To: 12/31/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	12	01	TO	2018	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments										

COMMONWEALTH OF PENNSYLVANIA  
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LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2018  
DMR Effective To: 12/31/2018  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2018	12	01	TO	2018	12	31

FROM

TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	223	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	216	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0475	.0921	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
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ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

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ruffinip			(717)	278-3444	2019	1	8
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
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FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 01/01/2019  
DMR Effective To: 01/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	01	01	TO	2019	01	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
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FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 01/01/2019  
DMR Effective To: 01/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	01	01	TO	2019	01	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	161	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	132	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0464	.0892	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	2	11
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 02/01/2019  
DMR Effective To: 02/28/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	02	01	TO	2019	02	28

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 02/01/2019  
DMR Effective To: 02/28/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	02	01	TO	2019	02	28

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	318	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	148	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0449	.0629	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sample for BOD5 and TSS was collected on 2/19/2019.	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	3	7
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 03/01/2019  
DMR Effective To: 03/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	03	01	TO	2019	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.26	***	7.31	S.U.	3/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	15.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	89	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.4	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly

DMR Effective From: 03/01/2019

DMR Effective To: 03/31/2019

Permit Expires: 11/30/2021

Permit Application Due: 06/03/2021

No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	03	01	TO	2019	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	163	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	124	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0476	.0613	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Mar 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-04-03T13:53:24-04:00	
Mar 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-04-03T13:53:58-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	4	3
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO





## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 04/01/2019  
DMR Effective To: 04/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	11.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	2.9	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 04/01/2019  
DMR Effective To: 04/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	04	01	TO	2019	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	256	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	100	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0412	.0523	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Raw influent sampling date: 4/8/2019.									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Apr 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-05-14T13:41:52-04:00	
Apr 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-05-14T13:42:37-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent sampling date: 4/8/2019	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
			(717)	278-3444	2019	5	14
ruffinip		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Township County: Chester  
Watershed: 3F-Wissahic

Month: 4 (Select number) Year: 2019  
Permit No.: 1599418 Outfall: Spray  
This permit will expire on: 30-Nov-21

Week	Day	Date	Zone: <u>1</u>	Zone: <u>2</u>	Zone: <u>3</u>	Zone:	Zone:	Precipitation		Average	Ground Conditions
			Acres: <u>6.16</u>	Acres: <u>6.19</u>	Acres: <u>6.15</u>	Acres:	Acres:	Inches	Type	°F	
			Gallons	Gallons	Gallons	Gallons	Gallons				
1	Sun	3/31/19	0	27,900	27,900						
	Mon	4/1/19	37,725	37,725	0					50	Dry
	Tue	4/2/19	37,725	37,725	0						
	Wed	4/3/19	28,575	28,575	0						
	Thu	4/4/19	28,575	28,575	0						
	Fri	4/5/19	33,700	33,700	0					48	Dry
	Sat	4/6/19	33,700	33,700	0						
2	Sun	4/7/19	33,700	33,700	0						
	Mon	4/8/19	32,075	0	32,075			0.10	Rain	60	Damp
	Tue	4/9/19	32,075	0	32,075						
	Wed	4/10/19	32,250	0	32,250					68	Dry
	Thu	4/11/19	32,250	0	32,250						
	Fri	4/12/19	32,250	0	32,250					64	Wet
	Sat	4/13/19	32,250	0	32,250						
3	Sun	4/14/19	32,250	0	32,250			0.20	Rain		
	Mon	4/15/19	0	32,250	32,250			0.20	Rain	58	Damp
	Tue	4/16/19	0	32,250	32,250						
	Wed	4/17/19	0	32,250	32,250					58	Dry
	Thu	4/18/19	0	0	0					60	Dry
	Fri	4/19/19	0	0	0						
	Sat	4/20/19	0	0	0						
4	Sun	4/21/19	0	0	0						
	Mon	4/22/19	0	0	0					60	Dry
	Tue	4/23/19	0	0	0						
	Wed	4/24/19	0	0	0					78	Dry
	Thu	4/25/19	0	0	0					62	Dry
	Fri	4/26/19	0	0	0						
	Sat	4/27/19	33,000	33,000	0						
5	Sun	4/28/19	33,000	33,000	0						
	Mon	4/29/19	33,000	0	33,000					62	Dry
	Tue	4/30/19	33,000	0	33,000						
Monthly Totals:			591,100	396,450	388,150			0.50			
Max Weekly:			226,850	227,900	193,150	0	0				
Inches/Acre/Week (Max):			1.36	1.36	1.16	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S 6899  
Date: 5/14/2019



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 05/01/2019  
DMR Effective To: 05/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	05	01	TO	2019	05	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.2	***	8.2	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 05/01/2019  
DMR Effective To: 05/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	05	01	TO	2019	05	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	54.9	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	108	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0478	.0627	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date 5/14/2019.									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
May 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-06-12T10:47:24-04:00	
May 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-06-12T10:48:07-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	6	12
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 5 (select number) Year: 2019  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH							
Stage			1	1		1		1		1							
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	4/28/19	0.066														
	Mon	4/29/19	0.066														
	Tue	4/30/19	0.066														
	Wed	5/1/19	0.072														
	Thu	5/2/19	0.0														
	Fri	5/3/19	0.08														
	Sat	5/4/19	0.08														
2	Sun	5/5/19	0.08														
	Mon	5/6/19	0.084														
	Tue	5/7/19	0.084														
	Wed	5/8/19	0.084														
	Thu	5/9/19	0.072														
	Fri	5/10/19	0.072														
	Sat	5/11/19	0.072														
3	Sun	5/12/19	0.072														
	Mon	5/13/19	0.0														
	Tue	5/14/19	0.087	<	2.0	<	5.0	<	1.0		8.2						
	Wed	5/15/19	0.087														
	Thu	5/16/19	0.087														
	Fri	5/17/19	0.0932														
	Sat	5/18/19	0.0932														
4	Sun	5/19/19	0.0932														
	Mon	5/20/19	0.093														
	Tue	5/21/19	0.093														
	Wed	5/22/19	0.093														
	Thu	5/23/19	0.087														
	Fri	5/24/19	0.087														
	Sat	5/25/19	0.087														
5	Sun	5/26/19	0.087														
	Mon	5/27/19	0.096														
	Tue	5/28/19	0.096														
	Wed	5/29/19	0.096														
	Thu	5/30/19	0.096														
	Fri	5/31/19	0.096														
	Sat	6/1/19	0.06														
Statistics for DMR																	
Daily Minimum (Conc.):				<	2	<	5	<	1		8.2						
Daily Maximum (Conc.):				<	2	<	5	<	1		8.2						
Max Avg Weekly (Conc.):				<	2	<	5										
Avg Monthly (Conc.):				<	2	<	5										
Geometric Mean (Conc.):								<	1								
Max Avg Weekly (Load):			0.090457	<	1	<	4										
Avg Monthly (Load):			0.080632	<	1	<	4										
Total Monthly (Load):			2.499597	<	45	<	112										
Daily Minimum (Load):			0	<	1	<	4										
Daily Maximum (Load):			0.096	<	1	<	4										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 6/12/2019 8:53

**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Township County: Chester  
Watershed: 3F-Wissahicl

Month: 5 (Select number) Year: 2019  
Permit No.: 1599418 Outfall: Spray  
This permit will expire on: 30-Nov-21

Week	Day	Date	Zone: <u>1</u> Acres: <u>6.16</u>	Zone: <u>2</u> Acres: <u>6.19</u>	Zone: <u>3</u> Acres: <u>6.15</u>	Zone: Acres:	Zone: Acres:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	4/28/19	33,000	33,000	0						
	Mon	4/29/19	33,000	0	33,000					80	Dry
	Tue	4/30/19	33,000	0	33,000						
	Wed	5/1/19	36,000	0	36,000						
	Thu	5/2/19	0	0	0					72	Dry
	Fri	5/3/19	40,000	0	40,000						
	Sat	5/4/19	40,000	0	40,000						
2	Sun	5/5/19	40,000	0	40,000					67	Dry
	Mon	5/6/19	0	42,000	42,000						
	Tue	5/7/19	0	42,000	42,000					65	Dry
	Wed	5/8/19	0	42,000	42,000					62	Dry
	Thu	5/9/19	0	36,000	36,000						
	Fri	5/10/19	0	36,000	36,000						
	Sat	5/11/19	0	36,000	36,000			0.40	Rain		
3	Sun	5/12/19	0	36,000	36,000			0.40	Rain		
	Mon	5/13/19	0	0	0			1.40	Rain	50	Wet
	Tue	5/14/19	43,500	43,500	0			0.20	Rain	50	Wet
	Wed	5/15/19	43,500	43,500	0						
	Thu	5/16/19	43,500	43,500	0						
	Fri	5/17/19	46,600	46,600	0					78	Dry
	Sat	5/18/19	46,600	46,600	0						
4	Sun	5/19/19	46,600	46,600	0						
	Mon	5/20/19	46,500	0	46,500					75	Dry
	Tue	5/21/19	46,500	0	46,500						
	Wed	5/22/19	46,500	0	46,500					72	Dry
	Thu	5/23/19	43,500	0	43,500						
	Fri	5/24/19	43,500	0	43,500						
	Sat	5/25/19	43,500	0	43,500						
5	Sun	5/26/19	43,500	0	43,500						
	Mon	5/27/19	0	48,000	48,000					80	Dry
	Tue	5/28/19	0	48,000	48,000			0.40	Rain		
	Wed	5/29/19	0	48,000	48,000					90	Dry
	Thu	5/30/19	0	48,000	48,000						
	Fri	5/31/19	0	48,000	48,000					83	Dry
	Sat	6/1/19	0	30,000	30,000						
Monthly Totals:			<b>739,800</b>	<b>780,300</b>	<b>979,500</b>			<b>2.80</b>			
Max Weekly:			<b>316,600</b>	<b>270,000</b>	<b>313,500</b>	<b>0</b>	<b>0</b>				
Inches/Acre/Week (Max):			<b>1.89</b>	<b>1.61</b>	<b>1.88</b>	<b>0.00</b>	<b>0.00</b>				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S 6899  
Date: 6/12/2019

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 06/01/2019  
DMR Effective To: 06/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	06	01	TO	2019	06	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.8	***	7.8	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	7	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 06/01/2019  
DMR Effective To: 06/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	06	01	TO	2019	06	30

FROM

TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	154	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	98	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0477	.0887	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
June 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-07-09T11:31:13-04:00	
June 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-07-09T11:31:44-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sampling date: 6/10/2019	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	7	9
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO







COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 07/01/2019  
DMR Effective To: 07/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	07	01	TO	2019	07	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.9	***	7.9	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 07/01/2019  
DMR Effective To: 07/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	07	01	TO	2019	07	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	163	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 7/8/2019.								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	103	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 7/8/19								
Flow (50050)	Sample Measurement	.0436	.0845	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
July 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-08-12T14:18:54-04:00	
July 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-08-12T14:19:44-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sample date: 7/8/2019	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	8	12
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Twp.** County: **Chester**  
Watershed: **3F-Wissahickon**  
Laboratories: **ALS Environmental**

Month: **7** (select number) Year: **2019**  
Permit No.: **1599418** Outfall: **Spray**  
Renewal application due **180 days** prior to expiration.  
This permit will expire on: **November 30, 2021**

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH							
Stage			1	1		1		1		1							
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	6/30/19	0.069														
	Mon	7/1/19	0.069														
	Tue	7/2/19	0.101														
	Wed	7/3/19	0.101														
	Thu	7/4/19	0.128														
	Fri	7/5/19	0.114														
	Sat	7/6/19	0.114														
2	Sun	7/7/19	0.114														
	Mon	7/8/19	0.143	<	2.0	<	5.0										
	Tue	7/9/19	0.121					<	1.0								
	Wed	7/10/19	0.12325								7.9						
	Thu	7/11/19	0.12325														
	Fri	7/12/19	0.12325														
	Sat	7/13/19	0.12325														
3	Sun	7/14/19	0.121														
	Mon	7/15/19	0.1385														
	Tue	7/16/19	0.1385														
	Wed	7/17/19	0.101														
	Thu	7/18/19	0.11188														
	Fri	7/19/19	0.11188														
	Sat	7/20/19	0.11188														
4	Sun	7/21/19	0.11188														
	Mon	7/22/19	0.11188														
	Tue	7/23/19	0.11188														
	Wed	7/24/19	0.11188														
	Thu	7/25/19	0.11188														
	Fri	7/26/19	0.1														
	Sat	7/27/19	0.0														
5	Sun	7/28/19	0.0														
	Mon	7/29/19	0.1095														
	Tue	7/30/19	0.1095														
	Wed	7/31/19	0.1095														
	Thu	8/1/19	0.1095														
	Fri	8/2/19	0.1095														
	Sat	8/3/19	0.1095														
Statistics for DMR																	
Daily Minimum (Conc.):				<	2	<	5	<	1		7.9						
Daily Maximum (Conc.):				<	2	<	5	<	1		7.9						
Max Avg Weekly (Conc.):				<	2	<	5										
Avg Monthly (Conc.):				<	2	<	5										
Geometric Mean (Conc.):								<	1								
Max Avg Weekly (Load):			0.124429	<	2	<	6										
Avg Monthly (Load):			0.107113	<	2	<	6										
Total Monthly (Load):			3.3205	<	74	<	185										
Daily Minimum (Load):			0	<	2	<	6										
Daily Maximum (Load):			0.143	<	2	<	6										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S6899**  
Date: **8/12/2019 13:40**

**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Township** County: **Chester**  
Watershed: **3F-Wissahicl**

Month: **7** (Select number) Year: **2019**  
Permit No.: **1599418** Outfall: **Spray**  
This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: <b>1</b>	Zone: <b>2</b>	Zone: <b>3</b>	Zone:	Zone:	Precipitation		Average	Ground Conditions
			Acres: <b>6.16</b>	Acres: <b>6.19</b>	Acres: <b>6.15</b>	Acres:	Acres:	Inches	Type	°F	
			Gallons	Gallons	Gallons	Gallons	Gallons				
1	Sun	6/30/19	34,500	34,500	0						
	Mon	7/1/19	34,500	34,500	0					90	Dry
	Tue	7/2/19	50,500	0	50,500					88	Dry
	Wed	7/3/19	50,500	0	50,500						
	Thu	7/4/19	64,000	0	64,000					89	Dry
	Fri	7/5/19	57,000	0	57,000					86	Dry
	Sat	7/6/19	57,000	0	57,000						
2	Sun	7/7/19	57,000	0	57,000			0.20	Rain	78	Damp
	Mon	7/8/19	71,500	71,500	0						
	Tue	7/9/19	60,500	60,500	0						
	Wed	7/10/19	61,625	61,625	0						
	Thu	7/11/19	61,625	61,625	0			0.30	Rain	85	Wet
	Fri	7/12/19	0	61,625	61,625						
	Sat	7/13/19	0	61,625	61,625						
3	Sun	7/14/19	0	60,500	60,500					88	Dry
	Mon	7/15/19	69,250	69,250	0					78	Dry
	Tue	7/16/19	69,250	69,250	0						
	Wed	7/17/19	50,500	50,500	0					95	Dry
	Thu	7/18/19	55,938	55,938	0			0.20	Rain	79	Wet
	Fri	7/19/19	55,938	55,938	0						
	Sat	7/20/19	55,938	55,938	0						
4	Sun	7/21/19	55,938	55,938	0						
	Mon	7/22/19	55,938	0	55,938					90	Dry
	Tue	7/23/19	55,938	0	55,938						
	Wed	7/24/19	55,938	0	55,938						
	Thu	7/25/19	55,938	0	55,938						
	Fri	7/26/19	50,000	0	50,000					89	Dry
	Sat	7/27/19	0	0	0						
5	Sun	7/28/19	0	0	0						
	Mon	7/29/19	0	54,750	54,750					81	Dry
	Tue	7/30/19	0	54,750	54,750					92	Dry
	Wed	7/31/19	0	54,750	54,750			0.50	Rain	88	Wet
	Thu	8/1/19	0	54,750	54,750					82	Dry
	Fri	8/2/19	0	54,750	54,750					81	Dry
	Sat	8/3/19	0	54,750	54,750						
Monthly Totals:			<b>1,312,254</b>	<b>1,050,502</b>	<b>957,752</b>			<b>1.20</b>			
Max Weekly:			<b>356,814</b>	<b>417,314</b>	<b>328,500</b>	<b>0</b>	<b>0</b>				
Inches/Acre/Week (Max):			<b>2.13</b>	<b>2.48</b>	<b>1.97</b>	<b>0.00</b>	<b>0.00</b>				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S 6899**  
Date: **8/12/2019**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2019  
DMR Effective To: 08/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	08	01	TO	2019	08	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.7	***	8.7	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	6.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	08	01	TO	2019	08	31

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2019  
DMR Effective To: 08/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	172	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: August 11, 2019								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	86	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: August 11, 2019.								
Flow (50050)	Sample Measurement	.0394	.0456	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
August 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-09-11T11:58:57-04:00	
August 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-09-11T11:57:50-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sample date: August 11, 2019.	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	9	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO



## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	09	01	TO	2019	09	30

Reporting Frequency: Monthly  
DMR Effective From: 09/01/2019  
DMR Effective To: 09/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	4.6	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 09/01/2019  
DMR Effective To: 09/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	09	01	TO	2019	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	275	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	142	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0408	.0474	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 9/9/2019.									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Sept 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-10-08T14:01:01-04:00	
Sept 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-10-08T14:02:26-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sample date: 9/9/2019.	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	10	8
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

License No.: **S6899**  
Date: **10/8/2019 11:22**



## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2019  
DMR Effective To: 10/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	10	01	TO	2019	10	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	4.7	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2019  
DMR Effective To: 10/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	10	01	TO	2019	10	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	136	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	310	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.043	.067	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 10/7/19									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Oct 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-11-11T14:25:53-05:00	
Oct 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-11-11T14:26:27-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent sample date: 10/7/19	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	11	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 10 (select number) Year: 2019  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH							
Stage			1	1		1		1		1							
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	9/29/19	0.06525														
	Mon	9/30/19	0.0465														
	Tue	10/1/19	0.0465														
	Wed	10/2/19	0.044														
	Thu	10/3/19	0.044														
	Fri	10/4/19	0.04														
	Sat	10/5/19	0.04														
2	Sun	10/6/19	0.04														
	Mon	10/7/19	0.04		4.7	<	5.0										
	Tue	10/8/19	0.041					<	1.0								
	Wed	10/9/19	0.0404														
	Thu	10/10/19	0.0404														
	Fri	10/11/19	0.0404														
	Sat	10/12/19	0.0404														
3	Sun	10/13/19	0.0404														
	Mon	10/14/19	0.035														
	Tue	10/15/19	0.0														
	Wed	10/16/19	0.001								8.1						
	Thu	10/17/19	0.0														
	Fri	10/18/19	0.0														
	Sat	10/19/19	0.0														
4	Sun	10/20/19	0.0														
	Mon	10/21/19	0.0														
	Tue	10/22/19	0.013														
	Wed	10/23/19	0.039														
	Thu	10/24/19	0.033														
	Fri	10/25/19	0.033														
	Sat	10/26/19	0.033														
5	Sun	10/27/19	0.033														
	Mon	10/28/19	0.05														
	Tue	10/29/19	0.05														
	Wed	10/30/19	0.05														
	Thu	10/31/19	0.051														
	Fri	11/1/19	0.051														
	Sat	11/2/19	0.051														
Statistics for DMR																	
Daily Minimum (Conc.):					4.7	<	5	<	1		8.1						
Daily Maximum (Conc.):					4.7	<	5	<	1		8.1						
Max Avg Weekly (Conc.):					4.7	<	5										
Avg Monthly (Conc.):					4.7	<	5										
Geometric Mean (Conc.):								<	1								
Max Avg Weekly (Load):			0.048		2	<	2										
Avg Monthly (Load):			0.03092		2	<	2										
Total Monthly (Load):			0.9585		49	<	52										
Daily Minimum (Load):			0		2	<	2										
Daily Maximum (Load):			0.051		2	<	2										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 11/11/2019 13:35

**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Township County: Chester  
Watershed: 3F-Wissahic

Month: 10 (Select number) Year: 2019  
Permit No.: 1599418 Outfall: Spray  
This permit will expire on: 30-Nov-21

Week	Day	Date	Zone: <u>1</u>	Zone: <u>2</u>	Zone: <u>3</u>	Zone:	Zone:	Precipitation		Average	Ground Conditions
			Acres: <u>6.16</u>	Acres: <u>6.19</u>	Acres: <u>6.15</u>	Acres:	Acres:	Inches	Type	°F	
			Gallons	Gallons	Gallons	Gallons	Gallons				
1	Sun	9/29/19	32,625	0	32,625						
	Mon	9/30/19	0	23,250	23,250					76	Dry
	Tue	10/1/19	0	23,250	23,250						
	Wed	10/2/19	0	22,000	22,000					93	Dry
	Thu	10/3/19	0	22,000	22,000						
	Fri	10/4/19	0	20,000	20,000					67	Dry
	Sat	10/5/19	0	20,000	20,000						
2	Sun	10/6/19	0	20,000	20,000						
	Mon	10/7/19	20,000	20,000	0					70	Dry
	Tue	10/8/19	20,500	20,500	0					74	Dry
	Wed	10/9/19	20,200	20,200	0			0.10	Rain	68	Wet
	Thu	10/10/19	20,200	20,200	0						
	Fri	10/11/19	20,200	20,200	0						
	Sat	10/12/19	20,200	20,200	0						
3	Sun	10/13/19	20,200	20,200	0						
	Mon	10/14/19	17,500	0	17,500					74	Dry
	Tue	10/15/19	0	0	0						
	Wed	10/16/19	500	0	500			0.30	Rain	65	Wet
	Thu	10/17/19	0	0	0					64	Dry
	Fri	10/18/19	0	0	0						
	Sat	10/19/19	0	0	0						
4	Sun	10/20/19	0	0	0						
	Mon	10/21/19	0	0	0			0.30	Rain		
	Tue	10/22/19	0	6,500	6,500			0.10	Rain	64	Wet
	Wed	10/23/19	0	19,500	19,500					66	Dry
	Thu	10/24/19	0	16,500	16,500					65	Dry
	Fri	10/25/19	0	16,500	16,500						
	Sat	10/26/19	0	16,500	16,500						
5	Sun	10/27/19	0	16,500	16,500						
	Mon	10/28/19	25,000	25,000	0					65	Dry
	Tue	10/29/19	25,000	25,000	0						
	Wed	10/30/19	25,000	25,000	0			0.40	Rain	70	Wet
	Thu	10/31/19	25,500	25,500	0			0.10		72	Wet
	Fri	11/1/19	25,500	25,500	0						
	Sat	11/2/19	25,000	25,500	0						
Monthly Totals:			<b>260,000</b>	<b>461,250</b>	<b>237,250</b>			<b>1.30</b>			
Max Weekly:			<b>151,000</b>	<b>168,000</b>	<b>163,125</b>	<b>0</b>	<b>0</b>				
Inches/Acre/Week (Max):			<b>0.90</b>	<b>1.00</b>	<b>0.98</b>	<b>0.00</b>	<b>0.00</b>				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S 6899  
Date: 11/11/2019

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	11	01	TO	2019	11	30

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2019  
DMR Effective To: 11/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.79	***	7.79	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	13.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	10.2	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	11	01	TO	2019	11	30

FROM

TO

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2019  
DMR Effective To: 11/30/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	277	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 11/11/2019								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	272	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 11/11/2019								
Flow (50050)	Sample Measurement	.0434	.0673	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
	Facility Parameter Comments	Sample date: 11/11/2019								
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Nov 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-12-11T08:48:55-05:00	
Nov 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-12-11T08:52:08-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2019	12	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO







COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2019  
DMR Effective To: 12/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	12	01	TO	2019	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2019	12	01	TO	2019	12	31

FROM

TO

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2019  
DMR Effective To: 12/31/2019  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	267	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/9/2019								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	135	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/9/2019								
Flow (50050)	Sample Measurement	.0457	.0687	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
	Facility Parameter Comments	Sample date: 12/9/2019								
Facility Sampling Point Comments	Sample date: 12/9/2019									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent sample date: 12/9/2019	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	1	7
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 01/01/2020  
DMR Effective To: 01/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	01	01	TO	2020	01	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 01/01/2020  
DMR Effective To: 01/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	01	01	TO	2020	01	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	316	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 1/13/20.								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	190	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 1/13/20.								
Flow (50050)	Sample Measurement	.0438	.0580	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 1/13/20.									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	02	13
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 02/01/2020  
DMR Effective To: 02/29/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	02	01	TO	2020	02	29

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	02	01	TO	2020	02	29

Reporting Frequency: Monthly  
DMR Effective From: 02/01/2020  
DMR Effective To: 02/29/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	491	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample Date: 2/10/20.								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	146	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample Date: 2/10/20.								
Flow (50050)	Sample Measurement	.0429	.0503	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample Date: 2/10/20.									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	03	09
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 03/01/2020  
DMR Effective To: 03/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	03	01	TO	2020	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 03/01/2020  
DMR Effective To: 03/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	03	01	TO	2020	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	120	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 3/9/2020								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	47	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 3/9/2020								
Flow (50050)	Sample Measurement	.0507	.0719	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 3/9/2020									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

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ruffinip			(717)	278-3444	2020	04	09
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 04/01/2020  
DMR Effective To: 04/30/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	04	01	TO	2020	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.4	***	7.4	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	17.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	10.7	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 04/01/2020  
DMR Effective To: 04/30/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	04	01	TO	2020	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	130	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 4/13/2020								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	87	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 4/13/2020								
Flow (50050)	Sample Measurement	.0543	.0977	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 4/13/2020									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Apr 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-05-11T13:46:09-04:00	
Apr 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-05-11T13:46:44-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

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ruffinip			(717)	278-3444	2020	05	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO



## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Twp. County: Chester  
Watershed: 3F-Wissahickon  
Laboratories: ALS Environmental

Month: 4 (select number) Year: 2020  
Permit No.: 1599418 Outfall: Spray  
Renewal application due 180 days prior to expiration.  
This permit will expire on: November 30, 2021

Parameter			Flow	CBOD5	TSS	Fecal Coliform	pH						
Stage			1	1	1	1	1						
Week	Day	Date	MGD	Q mg/L	Q mg/L	Q CFU/100 ml	Q S.U.	Q		Q		Q	
1	Sun	3/29/20	0.0										
	Mon	3/30/20	0.0										
	Tue	3/31/20	0.0										
	Wed	4/1/20	0.0										
	Thu	4/2/20	0.0										
	Fri	4/3/20	0.0										
	Sat	4/4/20	0.14										
2	Sun	4/5/20	0.066										
	Mon	4/6/20	0.067										
	Tue	4/7/20	0.024										
	Wed	4/8/20	0.024										
	Thu	4/9/20	0.024										
	Fri	4/10/20	0.04533										
	Sat	4/11/20	0.04533										
3	Sun	4/12/20	0.04533										
	Mon	4/13/20	0.034	10.7	17.0		7.4						
	Tue	4/14/20	0.034			< 1.0							
	Wed	4/15/20	0.07										
	Thu	4/16/20	0.07										
	Fri	4/17/20	0.07333										
	Sat	4/18/20	0.07333										
4	Sun	4/19/20	0.07333										
	Mon	4/20/20	0.0715										
	Tue	4/21/20	0.0715										
	Wed	4/22/20	0.0685										
	Thu	4/23/20	0.0685										
	Fri	4/24/20	0.06433										
	Sat	4/25/20	0.06433										
5	Sun	4/26/20	0.06433										
	Mon	4/27/20	0.0745										
	Tue	4/28/20	0.0745										
	Wed	4/29/20	0.069										
	Thu	4/30/20	0.0785										
	Fri	5/1/20	0.0785										
	Sat	5/2/20	0.0785										
Statistics for DMR													
Daily Minimum (Conc.):				10.7	17	< 1	7.4						
Daily Maximum (Conc.):				10.7	17	< 1	7.4						
Max Avg Weekly (Conc.):				10.7	17								
Avg Monthly (Conc.):				10.7	17								
Geometric Mean (Conc.):						< 1							
Max Avg Weekly (Load):			0.073976	3	5								
Avg Monthly (Load):			0.055949	3	5								
Total Monthly (Load):			1.678479	91	145								
Daily Minimum (Load):			0	3	5								
Daily Maximum (Load):			0.14	3	5								

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S6899  
Date: 5/11/2020 11:27

**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Township County: Chester  
Watershed: 3F-Wissahic

Month: 4 (Select number) Year: 2020  
Permit No.: 1599418 Outfall: Spray  
This permit will expire on: 30-Nov-21

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	3/29/20	0	0	0						
	Mon	3/30/20	0	0	0					65	Dry
	Tue	3/31/20	0	0	0						
	Wed	4/1/20	0	0	0						
	Thu	4/2/20	0	0	0					50	Dry
	Fri	4/3/20	0	0	0						
	Sat	4/4/20	70,000	70,000	0					47	Dry
2	Sun	4/5/20	33,000	33,000	0						
	Mon	4/6/20	33,500	33,500	0					58	Dry
	Tue	4/7/20	12,000	12,000	0					65	Dry
	Wed	4/8/20	12,000	12,000	0						
	Thu	4/9/20	12,000	12,000	0						
	Fri	4/10/20	22,666	22,666	0					34	Dry
	Sat	4/11/20	22,666	22,666	0						
3	Sun	4/12/20	22,666	22,666	0						
	Mon	4/13/20	17,000	0	17,000			0.50	Rain	78	Wet
	Tue	4/14/20	17,000	0	17,000						
	Wed	4/15/20	35,000	0	35,000					58	Dry
	Thu	4/16/20	35,000	0	35,000						
	Fri	4/17/20	36,665	0	36,665					56	Dry
	Sat	4/18/20	36,665	36,665	0						
4	Sun	4/19/20	36,665	36,665	0						
	Mon	4/20/20	35,750	35,750	0						
	Tue	4/21/20	35,750	35,750	0						
	Wed	4/22/20	0	34,250	34,250					55	Dry
	Thu	4/23/20	0	34,250	34,250						
	Fri	4/24/20	0	32,166	32,166			0.40	Rain	50	Wet
	Sat	4/25/20	0	32,166	32,166						
5	Sun	4/26/20	0	32,166	32,166						
	Mon	4/27/20	0	37,250	37,250			0.10	Rain	41	Wet
	Tue	4/28/20	0	37,250	37,250						
	Wed	4/29/20	0	34,500	34,500					66	Dry
	Thu	4/30/20	0	39,375	39,375					54	Dry
	Fri	5/1/20	0	39,375	39,375						
	Sat	5/2/20	39,375	0	39,375						
Monthly Totals:			525,993	698,701	454,038			1.00			
Max Weekly:			199,996	240,997	259,291	0	0				
Inches/Acre/Week (Max):			1.20	1.43	1.55	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S 6899  
Date: 5/11/2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	05	01	TO	2020	05	31

Reporting Frequency: Monthly  
DMR Effective From: 05/01/2020  
DMR Effective To: 05/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.6	***	7.6	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 21.0	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	12.4	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 05/01/2020  
DMR Effective To: 05/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	05	01	TO	2020	05	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	281	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 5/11/2020.								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	280	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 5/11/2020.								
Flow (50050)	Sample Measurement	.0497	.0621	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 5/11/2020.									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
May 2020 Eff Mon Supp Form.xls.pdf	Daily Effluent Monitoring Form	2020-06-09T11:44:23-04:00	
May 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-06-09T11:43:35-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	06	09
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING



Facility Name:  
Municipality:  
Watershed:

## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

3800-FM-WSFR0449 Rev. 5/2010

## Malvern Hunt STP

Month: **5** (Select number)

Year: **2020**Municipality: **East Whiteland Township**

County: **Chester**

Permit No.: **1599418**

Outfall: Spray

Watershed: 3F-Wissahick

This permit will expire on: 30-Nov-21

			Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone: Acres:	Zone: Acres:	Precipitation		Average Temp	Ground Conditions
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Fri	5/1/20	0	39,375	39,375						
	Sat	5/2/20	39,375	0	39,375						
	Sun	5/3/20	39,375	0	39,375						
	Mon	5/4/20	59,000	0	59,000					63	Dry
	Tue	5/5/20	48,250	0	48,250					66	Dry
	Wed	5/6/20	48,250	0	48,250						
	Thu	5/7/20	46,125	0	46,125					64	Dry
2	Fri	5/8/20	46,125	0	46,125						
	Sat	5/9/20	46,125	0	46,125						
	Sun	5/10/20	46,125	0	46,125						
	Mon	5/11/20	45,000	45,000	0			0.20	Rain	52	Wet
	Tue	5/12/20	46,250	46,250	0						
	Wed	5/13/20	46,250	46,250	0						
	Thu	5/14/20	42,625	42,625	0					65	Dry
3	Fri	5/15/20	42,625	42,625	0						
	Sat	5/16/20	42,625	42,625	0						
	Sun	5/17/20	0	42,625	42,625						
	Mon	5/18/20	0	53,750	53,750						
	Tue	5/19/20	0	53,750	53,750						
	Wed	5/20/20	0	46,000	46,000					62	Dry
	Thu	5/21/20	0	46,000	46,000						
4	Fri	5/22/20	0	46,166	46,166			0.30	Rain	65	Dry
	Sat	5/23/20	0	46,166	46,166						
	Sun	5/24/20	0	46,166	46,166						
	Mon	5/25/20	44,750	0	44,750					66	Dry
	Tue	5/26/20	44,750	0	44,750						
	Wed	5/27/20	46,000	0	46,000					77	Dry
	Thu	5/28/20	46,000	0	46,000						
5	Fri	5/29/20	43,833	0	43,833			0.10	Rain	77	Damp
	Sat	5/30/20	43,833	0	43,833						
	Sun	5/31/20	43,833	0	43,833						
Monthly Totals:			997,124	685,373	1,151,747			0.60			
Max Weekly:			333,250	334,457	334,457	0	0				
Inches/Acre/Week (Max):			1.99	1.99	2.00	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**

Title: Agent

License No.:

**S 6899**

Date:

6/9/2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 06/01/2020  
DMR Effective To: 06/30/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	06	01	TO	2020	06	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.91	***	6.91	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	7.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 06/01/2020  
DMR Effective To: 06/30/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	06	01	TO	2020	06	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	337	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 6/17/20								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	488	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 6/17/20								
Flow (50050)	Sample Measurement	.0480	.0562	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
June 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-07-15T15:24:33-04:00	
June 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-07-15T15:25:10-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	07	15
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO



**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Township** County: **Chester**  
Watershed: **3F-Wissahickon**

Month: **6** (Select number) Year: **2020**  
Permit No.: **1599418** Outfall: **Spray**  
This permit will expire on: **30-Nov-21**

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	5/31/20	43,833	0	43,833						
	Mon	6/1/20	51,250	51,250	0					65	Dry
	Tue	6/2/20	51,250	51,250	0						
	Wed	6/3/20	46,250	46,250	0			0.20	Rain	85	Damp
	Thu	6/4/20	46,250	46,250	0			0.40	Rain	87	Wet
	Fri	6/5/20	41,000	41,000	0			0.40	Rain	75	Wet
	Sat	6/6/20	41,000	41,000	0						
2	Sun	6/7/20	41,000	41,000	0						
	Mon	6/8/20	0	53,250	53,250					68	Dry
	Tue	6/9/20	0	53,250	53,250						
	Wed	6/10/20	0	46,000	46,000					76	Wet
	Thu	6/11/20	0	46,875	46,875			0.20	Rain		
	Fri	6/12/20	0	46,875	46,875						
	Sat	6/13/20	0	46,875	46,875						
3	Sun	6/14/20	0	46,875	46,875						
	Mon	6/15/20	46,000	0	46,000					79	Dry
	Tue	6/16/20	46,000	0	46,000						
	Wed	6/17/20	46,250	0	46,250					80	Dry
	Thu	6/18/20	46,250	0	46,250						
	Fri	6/19/20	40,833	0	40,833					84	Dry
	Sat	6/20/20	40,833	3	40,833						
4	Sun	6/21/20	40,833	0	40,833						
	Mon	6/22/20	54,000	54,000	0					82	Dry
	Tue	6/23/20	54,000	54,000	0						
	Wed	6/24/20	46,000	46,000	0					85	Dry
	Thu	6/25/20	42,250	42,250	0					83	Dry
	Fri	6/26/20	42,250	42,250	0						
	Sat	6/27/20	42,250	42,250	0						
5	Sun	6/28/20	42,250	42,250	0						
	Mon	6/29/20	0	46,166	46,166					78	Dry
	Tue	6/30/20	0	46,166	46,166						
Monthly Totals:			947,999	1,073,335	739,331			1.20			
Max Weekly:			321,583	334,125	313,041	0	0				
Inches/Acre/Week (Max):			1.92	1.99	1.87	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S 6899**  
Date: **7/15/2020**

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 07/01/2020  
DMR Effective To: 07/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	07	01	TO	2020	07	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.8	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 07/01/2020  
DMR Effective To: 07/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	07	01	TO	2020	07	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	235	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	243	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0494	.0726	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 7/13/20.									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
July 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-08-11T09:43:15-04:00	
July 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-08-11T09:43:53-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	08	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Twp.** County: **Chester**  
Watershed: **3F-Wissahickon**  
Laboratories: **ALS Environmental**

Month: **7** (select number) Year: **2020**  
Permit No.: **1599418** Outfall: **Spray**  
Renewal application due **180 days** prior to expiration.  
This permit will expire on: **November 30, 2021**

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH							
Stage			1	1		1		1		1							
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	6/28/20	0.0845														
	Mon	6/29/20	0.09233														
	Tue	6/30/20	0.09233														
	Wed	7/1/20	0.09233														
	Thu	7/2/20	0.123														
	Fri	7/3/20	0.09233														
	Sat	7/4/20	0.09233														
2	Sun	7/5/20	0.09233														
	Mon	7/6/20	0.092														
	Tue	7/7/20	0.0925														
	Wed	7/8/20	0.0925														
	Thu	7/9/20	0.09225														
	Fri	7/10/20	0.09225														
	Sat	7/11/20	0.09225														
3	Sun	7/12/20	0.09225														
	Mon	7/13/20	0.092		3.8	<	5.0										
	Tue	7/14/20	0.092					<	1.0								
	Wed	7/15/20	0.092														
	Thu	7/16/20	0.0925														
	Fri	7/17/20	0.0925														
	Sat	7/18/20	0.0925														
4	Sun	7/19/20	0.0925														
	Mon	7/20/20	0.092														
	Tue	7/21/20	0.092														
	Wed	7/22/20	0.092														
	Thu	7/23/20	0.073														
	Fri	7/24/20	0.0														
	Sat	7/25/20	0.0														
5	Sun	7/26/20	0.0														
	Mon	7/27/20	0.112														
	Tue	7/28/20	0.0935								8.3						
	Wed	7/29/20	0.0935														
	Thu	7/30/20	0.09225														
	Fri	7/31/20	0.09225														
	Sat	8/1/20	0.09225														
Statistics for DMR																	
Daily Minimum (Conc.):					3.8	<	5	<	1		8.3						
Daily Maximum (Conc.):					3.8	<	5	<	1		8.3						
Max Avg Weekly (Conc.):					3.8	<	5										
Avg Monthly (Conc.):					3.8	<	5										
Geometric Mean (Conc.):								<	1								
Max Avg Weekly (Load):			0.095595		3	<	4										
Avg Monthly (Load):			0.084414		3	<	4										
Total Monthly (Load):			2.616832		90	<	119										
Daily Minimum (Load):			0		3	<	4										
Daily Maximum (Load):			0.123		3	<	4										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S6899**  
Date: **8/10/2020 15:28**



**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Township County: Chester  
Watershed: 3F-Wissahicl

Month: 7 (Select number) Year: 2020  
Permit No.: 1599418 Outfall: Spray  
This permit will expire on: 30-Nov-21

Week	Day	Date	Zone: <u>1</u>	Zone: <u>2</u>	Zone: <u>3</u>	Zone:	Zone:	Precipitation		Average	Ground Conditions
			Acres: <u>6.16</u>	Acres: <u>6.19</u>	Acres: <u>6.15</u>	Acres:	Acres:	Inches	Type	°F	
			Gallons	Gallons	Gallons	Gallons	Gallons				
1	Sun	6/28/20	42,250	42,250	0						
	Mon	6/29/20	0	46,166	46,166						
	Tue	6/30/20	0	46,166	46,166						
	Wed	7/1/20	0	46,166	46,166						
	Thu	7/2/20	0	61,500	61,500					74	Dry
	Fri	7/3/20	0	46,166	46,166					91	Dry
	Sat	7/4/20	0	46,166	46,166						
2	Sun	7/5/20	0	46,166	46,166						
	Mon	7/6/20	46,000	0	46,000			0.50	Rain	85	Wet
	Tue	7/7/20	46,250	0	46,250					88	Dry
	Wed	7/8/20	46,250	0	46,250						
	Thu	7/9/20	46,125	0	46,125					88	Dry
	Fri	7/10/20	46,125	0	46,125						
	Sat	7/11/20	46,125	0	46,125						
3	Sun	7/12/20	46,125	0	46,125						
	Mon	7/13/20	46,000	46,000	0					85	Dry
	Tue	7/14/20	46,000	46,000	0						
	Wed	7/15/20	46,000	46,000	0					85	Dry
	Thu	7/16/20	46,250	46,250	0					85	Dry
	Fri	7/17/20	46,250	46,250	0						
	Sat	7/18/20	46,250	46,250	0						
4	Sun	7/19/20	46,250	46,250	0						
	Mon	7/20/20	0	46,000	46,000					88	Dry
	Tue	7/21/20	0	46,000	46,000					93	Dry
	Wed	7/22/20	0	46,000	46,000						
	Thu	7/23/20	0	36,500	36,500			0.50	Rain	89	Damp
	Fri	7/24/20	0	0	0						
	Sat	7/25/20	0	0	0						
5	Sun	7/26/20	0	0	0						
	Mon	7/27/20	56,000	0	56,000					97	Dry
	Tue	7/28/20	46,750	0	46,750					92	Dry
	Wed	7/29/20	46,750	0	46,750						
	Thu	7/30/20	46,125	0	46,125					90	Dry
	Fri	7/31/20	46,125	0	46,125						
	Sat	8/1/20	46,125	0	46,125						
Monthly Totals:			<b>887,750</b>	<b>743,664</b>	<b>985,414</b>			<b>1.00</b>			
Max Weekly:			<b>322,875</b>	<b>334,580</b>	<b>323,041</b>	<b>0</b>	<b>0</b>				
Inches/Acre/Week (Max):			<b>1.93</b>	<b>1.99</b>	<b>1.93</b>	<b>0.00</b>	<b>0.00</b>				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S 6899  
Date: 8/10/2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	08	01	TO	2020	08	31

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2020  
DMR Effective To: 08/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 24	***	CFU/100 ml	2/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.8	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2020  
DMR Effective To: 08/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	08	01	TO	2020	08	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	231	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	89	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0511	.0949	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Aug 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-09-15T09:09:08-04:00	
Aug 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-09-15T09:09:49-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	09	15
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO







COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly

DMR Effective From: 09/01/2020

DMR Effective To: 09/30/2020

Permit Expires: 11/30/2021

Permit Application Due: 06/03/2021

No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	09	01	TO	2020	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	14.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	64	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	6.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 09/01/2020  
DMR Effective To: 09/30/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	09	01	TO	2020	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	329	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 9/7/20.								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	440	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 9/7/20.								
Flow (50050)	Sample Measurement	.0452	.0635	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
	Facility Parameter Comments	Sample date: 9/7/20.								
Facility Sampling Point Comments	Sample date: 9/7/20.									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Sept 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-10-13T11:25:28-04:00	
Sept 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-10-13T11:26:01-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	10	13
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: **Malvern Hunt STP**  
Municipality: **East Whiteland Twp.** County: **Chester**  
Watershed: **3F-Wissahickon**  
Laboratories: **ALS Environmental**

Month: **9** (select number) Year: **2020**  
Permit No.: **1599418** Outfall: **Spray**  
Renewal application due **180 days** prior to expiration.  
This permit will expire on: **November 30, 2021**

Parameter			Flow	CBOD5		TSS		Fecal Coliform		pH							
Stage			1	1		1		1		1							
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	8/30/20	0.064														
	Mon	8/31/20	0.005														
	Tue	9/1/20	0.0														
	Wed	9/2/20	0.1185														
	Thu	9/3/20	0.1185														
	Fri	9/4/20	0.08														
	Sat	9/5/20	0.0														
2	Sun	9/6/20	0.0														
	Mon	9/7/20	0.1095		6.0		14.0										
	Tue	9/8/20	0.1095					64.0									
	Wed	9/9/20	0.092														
	Thu	9/10/20	0.121														
	Fri	9/11/20	0.0														
	Sat	9/12/20	0.0														
3	Sun	9/13/20	0.0														
	Mon	9/14/20	0.119														
	Tue	9/15/20	0.118														
	Wed	9/16/20	0.09467														
	Thu	9/17/20	0.09467														
	Fri	9/18/20	0.09467														
	Sat	9/19/20	0.0														
4	Sun	9/20/20	0.0675														
	Mon	9/21/20	0.0675														
	Tue	9/22/20	0.118														
	Wed	9/23/20	0.118														
	Thu	9/24/20	0.11267														
	Fri	9/25/20	0.11267														
	Sat	9/26/20	0.11267														
5	Sun	9/27/20	0.164							8.3							
	Mon	9/28/20	0.11175														
	Tue	9/29/20	0.11175														
	Wed	9/30/20	0.11175														
	Thu	10/1/20	0.11175														
	Fri	10/2/20	0.005														
	Sat	10/3/20	0.0														
Statistics for DMR																	
Daily Minimum (Conc.):					6		14		64		8.3						
Daily Maximum (Conc.):					6		14		64		8.3						
Max Avg Weekly (Conc.):					6		14										
Avg Monthly (Conc.):					6		14										
Geometric Mean (Conc.):								64									
Max Avg Weekly (Load):			0.101285		5		13										
Avg Monthly (Load):			0.082608		5		13										
Total Monthly (Load):			2.478246		164		384										
Daily Minimum (Load):			0		5		13										
Daily Maximum (Load):			0.164		5		13										

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: **Paul F. Ruffini**  
Title: **Agent**

License No.: **S6899**  
Date: **10/13/2020 10:52**

**SUPPLEMENTAL REPORT  
LAND APPLICATION SYSTEMS**

Facility Name: Malvern Hunt STP  
Municipality: East Whiteland Township County: Chester  
Watershed: 3F-Wissahicl

Month: 9 (Select number) Year: 2020  
Permit No.: 1599418 Outfall: Spray  
This permit will expire on: 30-Nov-21

Week	Day	Date	Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Precipitation		Average Temp	Ground Conditions
			Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	
1	Sun	8/30/20	0	32,000	32,000						
	Mon	8/31/20	2,500	2,500	0					74	Dry
	Tue	9/1/20	0	0	0						
	Wed	9/2/20	59,250	59,250	0					80	Dry
	Thu	9/3/20	59,250	59,250	0						
	Fri	9/4/20	40,000	40,000	0					80	Dry
	Sat	9/5/20	0	0	0						
2	Sun	9/6/20	0	0	0						
	Mon	9/7/20	54,750	0	54,750					82	Dry
	Tue	9/8/20	54,750	0	54,750						
	Wed	9/9/20	46,000	0	46,000					82	Dry
	Thu	9/10/20	60,500	0	60,500			0.40	Rain	84	Damp
	Fri	9/11/20	0	0	0						
	Sat	9/12/20	0	0	0						
3	Sun	9/13/20	0	0	0						
	Mon	9/14/20	59,500	0	59,500					74	Dry
	Tue	9/15/20	59,000	0	59,000					71	Dry
	Wed	9/16/20	47,333	0	47,333						
	Thu	9/17/20	47,333	0	47,333					70	Dry
	Fri	9/18/20	47,333	0	47,333					72	Dry
	Sat	9/19/20	0	0	0						
4	Sun	9/20/20	0	33,750	33,750					59	Dry
	Mon	9/21/20	0	33,750	33,750					68	Dry
	Tue	9/22/20	0	59,000	59,000					75	Dry
	Wed	9/23/20	0	59,000	59,000						
	Thu	9/24/20	0	56,333	56,333					76	Dry
	Fri	9/25/20	0	56,333	56,333						
	Sat	9/26/20	0	56,333	56,333			0.10	Rain	75	Damp
5	Sun	9/27/20	82,000	82,000	0					71	Dry
	Mon	9/28/20	55,875	55,875	0						
	Tue	9/29/20	55,875	55,875	0						
	Wed	9/30/20	55,875	55,875	0						
	Thu	10/1/20	55,875	55,875	0					70	Dry
	Fri	10/2/20	2,500	2,500	0						
	Sat	10/3/20	0	0	0						
Monthly Totals:			884,624	762,624	830,998			0.50			
Max Weekly:			308,000	354,499	354,499	0	0				
Inches/Acre/Week (Max):			1.84	2.11	2.12	0.00	0.00				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Paul F. Ruffini  
Title: Agent

License No.: S 6899  
Date: 10/13/2020

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2020  
DMR Effective To: 10/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	10	01	TO	2020	10	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.46	***	7.46	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1.0	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	2.5	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2020  
DMR Effective To: 10/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	10	01	TO	2020	10	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	195	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	136	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.04913	.1012	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sampling date: 10/12/2020.									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Oct 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-11-11T13:31:27-05:00	
Oct 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-11-11T13:31:01-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	11	11
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	11	01	TO	2020	11	30

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2020  
DMR Effective To: 11/30/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.3	***	7.3	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	< 2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	11	01	TO	2020	11	30

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2020  
DMR Effective To: 11/30/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	396	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 11/9/2020								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	470	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 11/9/2020								
Flow (50050)	Sample Measurement	.0511	.0647	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 11/9/2020									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Nov 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-12-03T12:15:43-05:00	
Nov 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-12-03T12:16:20-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Paul Ruffini	TELEPHONE		DATE		
ruffinip			(717)	278-3444	2020	12	03
			SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2020  
DMR Effective To: 12/31/2020  
Permit Expires: 11/30/2021  
Permit Application Due: 06/03/2021  
No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	12	01	TO	2020	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: EAST WHITELAND TWP CHESTER CNTY  
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633  
FACILITY: MALVERN HUNT STP  
LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355  
STAGE: Influent

1599418	516778
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2020	12	01	TO	2020	12	31

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2020  
DMR Effective To: 12/31/2020  
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Permit Application Due: 06/03/2021  
No Discharge: ☐

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	265	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/7/20.								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	133	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/7/20.								
Flow (50050)	Sample Measurement	.0551	.0614	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 12/7/20.									

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
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PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMISSION INFORMATION

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ruffinip			(717)	278-3444	2021	01	11
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY